



Division of Agricultural Sciences

UNIVERSITY OF CALIFORNIA

A Statistical Picture of CALIFORNIA'S AGRICULTURE

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A STATISTICAL PICTURE OF CALIFORNIA'S AGRICULTURE

This circular

- *presents a statistical picture* of the size, importance, and variety of California's agriculture
- *compares various segments of agriculture* and production centers within the state
- *compares various dimensions* of the state's farming with those of eleven western states as a group (including California, but excluding Alaska and Hawaii) and those of the United States.

Basis for comparison includes such resources as land, characteristics of farms and farm population, value and size of production, and utilization. Regions and counties within California are compared as to types of farming, resources, and most important products.

The time periods covered in this circular extend over two five-year postwar periods (1948-52 and 1953-57) and the two most recent years for which complete statistics are available (1959 and 1960).


Major sources for the figures are official federal or state agencies, including those

listed on page 66. Exact sources for each table are indicated by the numbers keyed to the table titles. These numbers refer to listed "Sources of data" on pages 66-67.

Changes in definitions in the 1959 Census has made strict comparison of data from year to year impossible. Data on production, value, and utilization are sufficiently comparable to allow valid comparisons. But the 1959 Census change of the definition of the farm has reduced the validity of some comparisons with earlier periods, particularly in the tables 3, 4, 5, and 7. The new definition tended to reduce the numbers of farms and farmers below the level that would have been counted had the definition remained unchanged. Also, the average farm values and sizes registered an increase greater than they would have had under the old definition.

The term "not reported" in some tables means either that figures were not collected because they were relatively unimportant, or that they were not released because the producers are so few that a report would have revealed an individual producer's operations.

"Not available" indicates data not released at the time of publication of this circular.



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I.

BACKGROUND STATISTICS

The tables on pages 6 to 17 provide background for comparing agricultural production as to types and uses of land, extent of irrigation, number and sizes of farms, value of farms, tenure of operators, farm population, farm income, major equipment items on farms. All these factors help determine the scope and characteristics of agriculture in California. The section concludes with a comparison of major farm areas in the state.

1.

How the land is used

(27)*

Shown is land use in the United States and the eleven western states; and comparison, in percentages, of total land areas and special-use areas.

	Total land area	Cropland†		Pasture and rangeland nonforested‡		Total cropland, pasture, and rangeland		Forest land, special use areas, miscellaneous land§	
		Area	Per cent of total land area	Area	Per cent of total land area	Area	Per cent of total land area	Area	Per cent of total land area
UNITED STATES									
1954.....	1,903,825	393,579	20.7	647,101	34.0	1,040,680	54.7	863,145	45.3
1959.....	1,901,680	382,188	20.1	622,388	32.7	1,004,576	52.8	897,104	47.2
ELEVEN WESTERN STATES									
Montana									
1954.....	93,362	13,770	14.7	46,633	49.9	600,403	64.6	32,959	35.4
1959.....	93,271	14,133	15.1	48,595	52.1	62,728	67.3	30,543	32.7
Idaho									
1954.....	52,972	4,930	9.3	8,423	15.9	13,353	25.2	39,619	74.8
1959.....	52,933	5,118	9.7	8,959	16.9	14,077	26.6	38,856	73.4
Wyoming									
1954.....	62,404	2,121	3.4	32,451	52.0	34,572	55.4	27,832	44.6
1959.....	62,343	2,150	3.4	33,491	53.7	35,641	57.1	26,702	42.9
Colorado									
1954.....	66,510	10,055	15.1	27,160	40.8	37,215	55.9	29,295	44.1
1959.....	66,486	9,797	14.7	27,720	41.7	37,517	56.4	28,969	43.6
New Mexico									
1954.....	77,767	1,997	2.6	46,529	59.8	48,526	62.4	29,241	37.6
1959.....	77,766	1,863	2.4	43,381	55.8	45,244	58.2	32,522	41.8

1954.....	72,688	1,413	1.9	35,286	54.0	40,699	55.9	31,989	44.1
1959.....	72,688	1,382	1.9	36,874	50.7	38,256	52.6	34,432	47.4
Utah.....									
1954.....	52,701	1,752	3.3	9,988	19.0	11,740	22.3	40,961	77.7
1959.....	52,697	1,598	3.0	10,588	20.1	12,186	23.1	40,511	76.9
Nevada.....									
1954.....	70,265	423	.6	7,637	10.9	8,060	11.5	62,205	88.5
1959.....	70,264	425	.6	9,893	14.1	10,318	14.7	59,946	85.3
Washington.....									
1954.....	42,743	7,073	16.5	9,234	21.6	16,307	38.1	26,436	61.9
1959.....	42,694	7,186	16.8	9,954	23.3	17,140	40.1	25,554	59.9
Oregon.....									
1954.....	61,642	4,443	7.2	15,261	24.8	19,704	32.0	41,938	68.0
1959.....	61,599	4,438	7.2	15,569	25.3	20,007	32.5	41,592	67.5
California.....									
1954.....	100,314	10,212	10.2	25,031	25.0	35,243	35.2	65,071	64.8
1959.....	100,207	9,933	9.9	24,291	24.2	34,224	34.1	65,983	65.9
TOTAL.....									
1954.....	753,368	58,189	7.7	267,633	35.5	325,822	43.2	427,546	56.8
1959.....	752,948	58,023	7.7	269,315	35.8	327,338	43.5	425,610	56.5
PERCENTAGE:									
11 W.S. of U.S.....									
1954.....	39.6	14.8	....	41.4	....	31.3	....	49.5	....
1959.....	39.6	15.2	....	43.3	....	32.6	....	47.4	....
Calif. of U.S.....									
1954.....	5.3	2.6	....	3.9	....	3.4	....	7.5	....
1959.....	5.3	2.6	....	3.9	....	3.4	....	7.4	....
Calif. of 11 W.S.....									
1954.....	13.3	17.5	....	9.4	....	10.8	....	15.2	....
1959.....	13.3	17.1	....	9.0	....	10.5	....	15.5	....

* The numbers below table titles refer to "Sources of data," page 66.

† Cropland harvested, cropland not harvested and not pastured.

‡ Cropland used only for pasture, woodland pasture, and other pasture.

§ Special use areas include the estimated area in highways, roads, and railroad rights-of-way; farmsteads; urban and town areas; parks; wildlife refuges; airports and military posts, etc. Miscellaneous land areas consist of marshes, sand dunes, bare rock, and desert.

2.

How much land is irrigated?

(27)

Acreage under irrigation increased substantially in 20 years—
nationally, in the West, and in California.

Year	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES		
	Per cent of farms reporting	Acreage irrigated	Per cent irrigated acres of			Acreage irrigated	Per cent of farms reporting	Per cent irrigated acres of	Per cent of farms reporting	Acreage irrigated	Per cent of total cropland
			California cropland	Western states irrigated acres	United States irrigated acres						
1929	63.2	1,000 acres 4,747	56.6	27.2	24.3	1,000 acres 17,464	48.0	35.3	4.2	1,000 acres 19,948	4.8
1939	63.6	4,277	49.4	27.2	23.8	15,714	49.7	32.9	4.9	17,983	4.5
1944	62.8	4,953	54.0	28.6	24.1	17,305	49.9	34.1	4.9	20,539	5.1
1949	66.2	6,438	62.9	32.2	25.0	19,977	53.6	34.9	5.7	25,788	6.3
1954	68.6	7,048	69.0	34.3	23.8	20,525	55.6	35.3	6.7	29,552	7.5
1959	74.7	7,396	74.5	33.8	22.4	21,882	60.5	37.7	8.2	33,018	8.6

3.

Farm acreage, number, size

(27)

Number of farms decreased in California, the West, and the United States since 1935, but size increased. Land in farms dropped in California and the United States between 1954 and 1959 but increased slightly in eleven western states.

Year	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Number of farms	Land in farms acres	Acres per farm	Number of farms	Land in farms acres	Acres per farm	Number of farms	Land in farms acres	Acres per farm
1910.....	88,917	27,931,444	316.7	373,337	110,862,209	296.9	6,361,582	878,798,325	138.1
1920.....	117,670	29,365,667	249.6	478,273	173,489,931	362.7	6,448,343	955,883,715	142.2
1925.....	136,409	27,516,955	201.7	498,979	185,947,486	372.7	6,371,640	924,319,352	145.1
1930.....	135,676	30,442,581	224.4	503,047	217,975,170	433.0	6,288,648	986,771,016	156.9
1935.....	150,360	30,437,995	202.4	570,959	236,356,385	414.0	6,812,350	1,054,515,111	154.8
1940.....	132,658	30,524,324	230.1	509,670	255,595,636	501.5	6,069,799	1,060,852,374	174.8
1945.....	138,917	35,054,379	252.3	494,456	316,105,444	639.3	5,859,169	1,141,615,364	194.8
1950.....	137,168	36,613,291	266.9	461,673	324,522,775	702.9	5,382,162	1,158,565,852	215.3
1954.....	123,074	37,794,780	307.1	422,717	337,425,544	798.2	4,782,416	1,158,191,511	242.2
1959.....	99,274	36,887,948	371.6	342,504	341,270,035	996.4	3,703,642	1,120,088,729	302.4

4.

Farm values increased

(27)

Value of farm land and buildings increased everywhere in the United States between 1935 and 1959. Value per acre increased three times in the West but five times in California.

Year	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Total value of farms	Average value per farm	Average value per acre	Total value of farms	Average value per farm	Average value per acre	Total value of farms	Average value per farm	Average value per acre
dollars									
1935.....	2,325,446,364	15,466	76.40	5,097,317,474	8,928	21.57	32,858,844,012	4,823	31.16
1940.....	2,166,452,648	16,331	70.97	5,016,479,678	9,843	19.63	33,641,738,726	5,518	31.71
1945.....	3,484,548,812	25,084	99.40	7,838,677,475	15,853	24.80	46,388,925,560	7,917	40.63
1950.....	5,545,290,736	40,427	163.01	13,927,559,718	30,168	42.92	75,260,606,000	13,983	64.96
1954.....	7,399,022,850	60,118	235.97	17,773,436,376	42,475	52.66	94,241,836,458	19,706	84.37
1959.....	10,212,117,832	102,868	379.21	23,688,604,152	69,163	69.41	123,116,467,364	33,242	121.04

5.

... and farm sizes changed

(27)

In the past 25 years the proportion of farms under 10 acres and over 180 acres have generally increased, while those of intermediate sizes have decreased.

Size of farm	CALIFORNIA					ELEVEN WESTERN STATES					UNITED STATES							
	1935	1940	1945	1950	1954	1959	1935	1940	1945	1950	1954	1959	1935	1940	1945	1950	1954	1959
	per cent																	
Under 10 acres.....	22.7	23.8	26.9	27.3	27.7	24.3	15.9	16.0	19.3	17.7	18.8	13.5	8.4	8.3	10.1	9.0	10.1	12.0
10 to 49.....	43.0	41.0	38.5	37.8	36.1	34.8	30.0	29.7	28.7	28.5	26.6	25.9	31.1	29.2	28.2	27.4	25.4	20.6
50 to 99.....	11.4	11.5	11.2	11.1	11.1	11.7	12.1	12.6	12.3	12.7	12.2	12.4	21.2	21.2	19.8	19.5	18.1	16.7
100 to 179.....	8.2	8.0	7.9	7.7	7.7	8.6	12.6	12.0	11.2	11.1	11.0	11.7	21.2	21.5	20.5	20.4	19.9	19.6
180 to 259.....	3.2	3.4	3.3	3.3	3.6	4.1	4.4	4.5	4.4	4.8	4.9	5.6	7.4	8.0	8.4	9.1	9.7	10.5
260 to 499.....	4.7	4.9	4.6	4.8	5.0	5.9	9.9	8.9	7.9	7.9	7.9	8.9	6.9	7.5	8.1	8.9	10.1	12.0
500 to 999.....	3.3	3.4	3.3	3.5	3.7	4.5	8.2	7.5	6.5	6.8	6.9	7.7	2.5	2.7	3.0	3.4	4.0	5.1
1,000 and over.....	3.5	4.0	4.3	4.5	5.1	6.1	6.9	8.8	9.7	10.5	11.7	14.3	1.3	1.6	1.9	2.3	2.7	3.5
TOTAL.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

6.

Tenure of farms shifted ...

(27)

In 1959 full and part owners accounted for a larger percentage of farm tenure throughout the country than they did in 1935; the reverse was true for managers and tenants. Part owners increased in actual numbers while full owners decreased.

Year	All farm operators	Full owners	Part owners	Managers	Tenants	Percentage distribution by tenure status			
						Full owner	Part owner	Managers	Tenants
CALIFORNIA									
1935.....	150,360	99,443	11,404	6,817	32,696	66.1	7.6	4.5	21.8
1940.....	132,658	89,843	13,991	3,425	25,399	67.7	10.6	2.6	19.1
1945.....	138,917	102,948	14,106	4,742	17,121	74.1	10.2	3.4	12.3
1950.....	137,168	100,834	17,478	2,556	16,300	73.5	12.7	1.9	11.9
1954.....	123,002	88,870	18,328	2,022	13,782	72.3	14.9	1.6	11.2
1959.....	99,232	68,489	17,756	2,144	10,843	69.0	17.9	2.2	10.9
ELEVEN WESTERN STATES									
1935.....	570,959	348,317	75,404	11,557	135,681	61.0	13.2	2.0	23.8
1940.....	509,670	318,490	75,814	6,814	108,552	62.5	14.9	1.3	21.3
1945.....	494,456	331,985	82,344	8,395	71,732	67.1	16.7	1.7	14.5
1950.....	461,673	312,342	84,759	5,112	59,460	67.7	18.4	1.1	12.8
1954.....	422,450	280,020	86,858	4,523	51,049	66.3	20.5	1.1	12.1
1959.....	341,844	212,155	85,741	4,991	38,957	62.0	25.1	1.5	11.4
UNITED STATES									
1935.....	6,812,350	3,210,224	688,867	48,104	2,865,155	47.1	10.1	0.7	42.1
1940.....	6,096,799	3,084,138	615,039	36,351	2,361,271	50.6	10.1	0.6	38.7
1945.....	5,859,169	3,301,361	660,502	38,885	1,858,421	56.3	11.3	0.7	31.7
1950.....	5,379,250	3,091,473	840,924	23,163	1,423,690	57.5	15.6	0.4	26.5
1954.....	4,782,393	2,736,941	856,931	20,636	1,167,885	57.2	17.9	0.4	24.5
1959.....	3,703,642	2,116,026	809,600	20,503	757,513	57.1	21.8	0.6	20.5

... and farmers were fewer

California's farm population, following the national trend, dropped from 15 to 2 per cent of the state's total, between 1920 and 1960, because total population mushroomed while farm numbers dropped 50 per cent since 1950.

* Excluding armed forces overseas. Farm population for 1960 not strictly comparable with earlier estimates because of changes in definition of farm residences which is estimated to have reduced the count of farm people by about one-fourth from previous definitions.

8.

First in farm income

(24, 30)

California's gross farm income ranks first among all states. In 1960 it was over \$3 billion, nearly 9 per cent of the United States total gross farm income.

Components of gross farm income by years	CALIFORNIA				ELEVEN WESTERN STATES		UNITED STATES
	Income	Per cent of		Rank among		Income	Per cent of United States
		Eleven western states	United States	Eleven western states	All states		
	1,000,000 dollars					1,000,000 dollars	1,000,000 dollars
Cash receipts from farm marketings							
Average 1948-52	2,380.2	43.5	7.8	1	5,472.4	18.0	30,375.7
Average 1953-57	2,671.0	47.1	8.8	1	5,676.0	18.8	30,204.6
1959	3,062.8	47.0	9.2	1	6,510.4	19.4	33,452.0
1960	3,164.9	47.4	9.3	1	6,677.1	19.6	34,014.0
Value of home consumption							
Average 1948-52	32.9	20.6	1.4	1	159.4	6.8	2,359.3
Average 1953-57	25.0	19.6	1.3	1	127.6	6.8	1,889.6
1959	20.3	19.5	1.4	1	104.0	7.4	1,410.0
1960	18.9	19.5	1.4	1	97.0	7.2	1,342.0
Government payments							
Average 1948-52	12.2	25.9	4.8	1	47.2	18.4	257.1
Average 1953-57	17.2	21.7	3.8	1	79.2	17.5	453.6
1959	23.7	17.4	3.5	2	136.3	20.0	681.0
1960	21.9	17.5	3.2	2	124.8	18.0	693.0
Total gross farm income							
Average 1948-52	2,425.3	42.7	7.4	1	5,679.1	17.2	32,992.1
Average 1953-57	2,814.0	45.9	8.2	1	6,136.9	17.9	34,295.4
1959	3,203.4	45.8	8.5	1	7,000.3	18.7	37,514.0
1960	3,301.0	46.2	8.7	1	7,147.2	18.8	38,069.0

Farm machinery doubled

(23, 26, 27)

Tractors, trucks, and combines about doubled in California between 1945 and 1959, reflecting a nationwide trend.

	Year	CALIFORNIA			ELEVEN WESTERN STATES		UNITED STATES
		Number	Per cent of		Number	Per cent of United States	
			Eleven western states	United States			
TRACTORS— WHEEL	1945	49,822	24.4	2.2	203,819	8.9	2,287,661
	1950	74,466	23.6	2.3	315,289	9.7	3,249,866
	1954	94,517	23.9	2.3	395,827	9.5	4,185,780
	1959	104,597	24.1	2.3	433,419	9.7	4,487,449
TRACTORS— CRAWLERS	1945	29,467	52.1	29.1	56,533	55.9	101,222
	1950	39,723	49.8	27.6	79,783	55.4	143,894
	1954	42,261	47.7	26.5	88,592	55.6	159,454
	1959	42,793	46.1	21.7	92,765	46.9	197,619
MOTORTRUCKS	1945	85,696	31.5	5.8	272,376	18.3	1,490,300
	1950	110,563	30.4	5.0	363,869	16.5	2,206,670
	1954	129,520	29.3	4.8	442,106	16.4	2,702,811
	1959	131,019	28.2	4.6	465,283	16.5	2,825,502
COMBINES	1945	4,529	10.2	1.2	44,499	11.9	374,785
	1950	8,839	11.8	1.2	75,186	10.5	713,633
	1954	10,053	12.0	1.0	83,816	8.6	979,050
	1959	9,169	11.5	0.9	79,823	7.7	1,041,678

10.
Trucks, tractors, cars ...
 (27)

A lesser proportion of farms in California report possession of tractors and motor trucks than farms in the eleven western states as a whole. But the number of tractors per thousand acres of cropland in California is greater than in the eleven western states as a whole and twice the national average.

	Motor Trucks	Tractors		Automobiles
	Per cent of all farms reporting	Per cent of all farms reporting	Number per 1,000 acres cropland harvested	Per cent of all farms reporting
UNITED STATES	58.6	72.3	8.2	79.7
ELEVEN WESTERN STATES.....	76.6	82.8	15.2	87.3
CALIFORNIA	71.1	71.3	20.1	88.1

California's six big farm areas *—their make-up, size, products*

(1, 28)

Of the major agricultural farm areas in California, the three leading ones—in value of farm product and value of farms—are San Joaquin Valley, Southern California, and the Central Coast.

	Unit	MAJOR AGRICULTURAL REGIONS						Total for the state*
		North Coast	Central Coast	Southern California	Sacramento Valley	San Joaquin Valley	Mountain	
Land area.....	1,000 acres	5,173	10,148	28,973	6,758	18,456	30,697	100,205
Area in farms.....	1,000 acres	1,882	6,913	5,274	5,063	11,788	5,968	36,888
Total cropland.....	1,000 acres	245	1,938	2,180	2,547	5,585	1,126	13,621†
Value, farm land and buildings.....	1,000 dollars	163,011	1,859,235	3,001,803	1,292,688	3,646,222	445,754	10,408,587
Value, all farm products sold in 1959.....	1,000 dollars	22,870	391,470	842,829	303,696	1,176,409	85,106	2,822,380
Number of farms.....		2,667	18,366	24,288	12,192	34,890	6,871	99,274
Average per farm:								
Total.....	acres	706	376	217	415	346	869	372
Cropland.....	acres	92	106	90	209	160	164	137
Value, land and buildings.....	dollars	61,074	101,232	123,592	106,028	104,506	64,875	104,847
Value, farm products sold.....	dollars	8,575	21,315	34,701	24,909	33,718	12,386	28,430
Number of farms classified by major source of income:								
Fruit and nut farms.....		161	4,154	6,123	2,437	10,644	697	24,216
Vegetable farms.....		....	855	988	239	848	5	2,935
All other field crop farms.....		2	575	868	1,701	5,847	422	9,415
Dairy farms.....		513	1,031	1,029	1,155	3,991	326	8,045
Poultry farms.....		55	1,670	3,123	441	1,502	221	7,012
Livestock farms.....		406	1,896	1,132	1,407	2,240	1,837	8,918
General farms.....		29	346	1,918	658	1,872	153	3,976
Miscellaneous unclassified.....		1,569	7,878	10,014	4,235	7,837	3,164	34,697
TOTAL CLASSIFIED FARMS.....		2,735	18,405	24,195	12,273	34,781	6,825	99,214

* Regional values were computed and differ slightly from reported totals for the state.

† Total cropland in this table exceeds cropland reported for California in table 1 by the amount of the cropland used only for pasture and other cropland.

HOW CALIFORNIA RANKS IN VALUE OF FARM PRODUCTION

California's rank in the production of various agricultural commodities can best be gauged by comparing value-of-production figures.

Tables on pages 20 to 44 show California's production role for each product as a percentage and a rank among the western states and the United States. Although the data primarily deal with *values*, total *production* for each commodity is also given under each of the three principal headings—i.e., California, eleven western states, United States.

Value-of-production data in these tables give percentage and ranking comparisons for food and feed grains, field crops, citrus fruits, tree nuts, noncitrus fruits, commercial vegetables for fresh market, and vegetables for commercial processing. For livestock and its products the figures are on gross income.

Two summary tables are included on pages 40 and 43. The first compares California with the western states and the United States in terms of value of production of broad product groups. The second shows how each group of products ranks in the total value of California's agricultural production.

Finally, the relative importance of California's ten leading farm products measured in terms of value of production is presented on page 44.

II.

12.

Food and feed grains

(13, 35)

How California compares with the eleven western states and the United States as a whole in value of rye, wheat, rice, corn, oats, barley, and sorghums produced.

	CALIFORNIA						ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value	Per cent (by value) of				Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states	All states					
FOOD GRAINS	1,000 tons	1,000 dollars					1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
RYE											
Average 1948-52	3	164	9.7	0.5	5	29	37	1,696	6.7	575	29,963
Average 1953-57	3	130	5.3	0.4	5	30	59	2,475	8.6	693	28,940
1959	3	95	2.3	0.4	6	30	123	4,146	17.8	646	23,354
1960	4	144	3.6	0.5	5	29	125	3,982	13.8	899	28,906
WHEAT											
Average 1948-52	354	25,121	4.2	1.1	6	19	9,093	596,299	25.7	24,522	2,317,289
Average 1953-57	266	18,481	3.3	0.9	6	21	8,545	559,932	27.6	30,334	2,031,323
1959	266	16,011	3.0	0.8	6	20	9,289	525,484	26.6	33,634	1,974,891
1960	232	13,939	2.8	0.6	6	20	8,898	506,663	21.3	40,907	2,379,970
RICE											
Average 1948-52	477	45,735	100.0	21.7	1	3	477	45,735	21.7	2,120	210,778
Average 1953-57	576	53,634	100.0	20.7	1	4	576	53,634	20.7	2,653	259,096
1959	663	55,526	100.0	22.5	1	4	663	55,526	22.5	2,682	246,317
1960	7	57,526	100.0	23.1	1	4	77	57,526	23.1	2,820	249,543

CORN

Average 1948-52	70	4,591	10.2	0.1	2	34	783	44,815	1.0	90,048	4,700,459
Average 1953-57	394	22,184	30.1	0.5	2	25	1,372	73,635	1.7	91,470	4,345,958
1959	525	26,242	28.0	0.6	2	25	2,053	93,720	2.1	117,527	4,384,280
1960	441	21,578	25.8	0.5	2	26	1,908	83,778	1.9	121,889	4,368,214

OATS

Average 1948-52	85	5,253	11.4	0.5	5	27	870	45,929	4.5	21,430	1,031,186
Average 1953-57	102	5,273	13.5	0.6	4	26	852	39,100	4.5	20,800	864,260
1959	90	4,452	14.3	0.7	4	24	713	31,091	4.6	16,833	678,551
1960	104	5,201	17.2	0.7	2	22	681	30,229	4.3	18,584	699,515

BARLEY

Average 1948-52	1,202	67,433	44.0	21.3	1	1	3,019	153,378	48.3	6,415	317,246
Average 1953-57	1,690	76,914	39.9	21.1	1	1	4,583	192,999	53.0	8,872	364,465
1959	1,670	71,661	35.8	19.9	1	1	5,372	200,417	55.7	10,137	359,629
1960	1,653	69,569	38.0	19.9	1	1	4,941	183,140	52.3	10,154	360,102

GRAIN SORGHUM

Average 1948-52	110	6,070	33.1	3.3	1	4	138	18,334	9.9	4,235	185,252
Average 1953-57	259	12,538	43.2	4.3	1	4	680	29,020	9.9	7,652	294,545
1959	462	18,821	46.1	4.0	1	5	1,117	40,843	8.7	15,546	471,813
1960	488	18,988	47.9	3.6	1	5	1,117	39,606	7.5	17,857	528,439

13.

Field crops

(6, 7, 8, 9, 10, 12, 13, 34, 35, 36)

California ranks high in value of most field crops, particularly hay, dry beans, seed crops, sugar beets. Cotton has the highest value of production of the field crops in this state.

	CALIFORNIA						ELEVEN WESTERN STATES				UNITED STATES	
	Production	Value	Per cent (by value) of		Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value	
			Eleven western states	United States	Eleven western states	All states						
	1,000 tons	1,000 dollars					1,000 tons	1,000 dollars		1,000 tons	1,000 dollars	
ALL HAY												
Average 1948-52	5,858	149,653	28.4	6.4	1	1	20,687	527,000	22.5	103,648	2,334,108	
Average 1953-57	6,574	147,446	29.9	6.3	1	1	23,223	492,902	21.2	111,381	2,323,587	
1959	7,016	178,908	31.0	7.7	1	2	23,880	577,433	24.9	110,978	2,316,717	
1960	7,228	173,472	29.8	7.0	1	2	24,109	582,319	23.4	121,242	2,487,090	
COTTON LINT												
Average 1948-52	338	234,228	59.7	9.7	1	4	559	392,185	16.3	3,554	2,411,470	
Average 1953-57	372	243,383	55.9	11.0	1	3	660	435,539	19.7	3,458	2,214,534	
1959	482	310,230	63.9	13.5	1	2	743	485,414	21.1	3,640	2,304,265	
1960	485	293,809	62.2	13.7	1	2	772	472,011	22.0	3,568	2,145,516	
COTTON SEED												
Average 1948-52	540	38,123	60.2	10.0	1	3	903	63,333	16.6	5,801	381,202	
Average 1953-57	603	33,040	56.1	11.1	1	3	1,075	58,936	19.7	5,703	298,584	
1959	759	33,700	65.1	14.5	1	2	1,190	51,787	22.3	5,991	232,115	
1960	783	40,524	63.8	16.1	1	2	1,353	63,192	25.3	5,986	249,877	

(Cleaned basis)											
Average 1948-52.....	246	41,176	50.5	31.6	1	1	565	81,578	62.6	932	130,416
Average 1953-57.....	203	35,150	46.7	28.4	1	1	508	75,210	60.7	830	123,819
1959.....	186	33,090	42.3	25.1	1	2	520	78,865	59.4	947	132,335
1960.....	162	32,785	44.8	26.4	1	2	462	73,100	58.8	895	124,409
DRY FIELD PEAS											
(Cleaned basis)											
Average 1948-52.....	6	685	5.5	5.4	3	3	159	12,484	97.8	162	12,768
Average 1953-57.....	4	468	3.0	2.9	4	4	170	15,833	97.8	174	16,195
1959.....	2	200	1.1	1.0	5	6	243	18,954	97.8	250	19,458
1960.....		NOT REPORTED					145	12,017	95.3	154	12,614
FLAX SEED											
Average 1948-52.....	75	12,947	71.7	7.6	1	4	105	18,050	10.6	1,139	169,743
Average 1953-57.....	34	4,142	73.3	3.5	1	4	49	5,651	4.8	1,073	118,960
1959.....	48	4,959	89.2	7.8	1	4	54	5,562	8.7	595	63,795
1960.....	27	2,967	83.0	3.6	1	5	34	3,576	4.3	871	82,552
POTATOES											
Average 1948-52.....	1,305	69,961	36.5	12.3	1	2	4,437	191,876	33.8	11,842	567,056
Average 1953-57.....	1,388	61,752	38.0	14.4	1	2	4,685	162,528	37.9	11,672	429,133
1959.....	1,386	78,394	33.1	14.1	2	3	5,313	236,981	42.6	12,290	556,663
1960.....	1,438	80,645	34.0	15.7	1	1	5,397	237,420	46.2	12,872	513,749
SWEET POTATOES											
Average 1948-52.....	33	4,941	100.0	4.9	1	9	33	4,941	4.9	1,218	100,083
Average 1953-57.....	44	6,610	100.0	8.6	1	3	44	6,610	8.6	932	76,450
1959.....	49	7,186	92.5	11.5	1	2	56	7,770	12.5	943	62,253
1960.....	45	8,946	93.2	13.6	1	3	50	9,596	14.5	782	66,013

13. Field crops—concluded

	CALIFORNIA						ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value	Per cent (by value) of			Rank (by value) among	Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states						
	1,000 tons	1,000 dollars					1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
SUGAR BEETS*											
Average 1948-52.....	2,892	32,768	38.4	27.0	1	1	7,433	85,336	70.4	10,740	121,213
Average 1953-57.....	3,836	43,350†	37.7	28.6	1	1	10,847	114,848†	75.8	13,400	151,478
1959.....	4,928	56,672	38.8	29.7	1	1	12,533	146,233	76.5	17,015	191,186
1960.....	4,160	45,338	32.9	23.8	1	1	12,008	137,793	72.5	16,472	190,109
HOPS											
Average 1948-52.....	7	7,589	26.4	26.4	3	3	28	28,747	100.0	28	28,747
Average 1953-57.....	4	4,064	22.0	22.0	2	2	20	18,186	100.0	20	18,186
1959.....	5	5,323	19.8	19.8	2	2	27	26,873	100.0	27	26,873
1960.....	4	4,273	19.9	19.9	2	2	23	21,454	100.0	23	21,454
SEED CROPS‡											
Average 1948-52.....	12	8,768	23.3	7.4	1	2	54	37,673	32.1	237	117,358
Average 1953-57.....	36	20,423	51.6	22.2	1	1	72	39,592	43.1	225	91,837
1959.....	30	20,049	54.5	24.9	1	1	61	36,804	45.6	209	80,661
1960.....	27	17,012	53.4	23.9	1	1	57	31,833	44.7	195	71,277

* Sugar beet values were computed from prices received by growers and exclude government payments.

† Four-year average. No value data available for 1956.

‡ Red clover, alsike clover, alfalfa, lespedeza, sweet clover, and timothy.

Citrus crops

(14)

California ranks first in lemon production and value, second in oranges and fourth in grapefruit.

	CALIFORNIA				ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value 1,000 dollars	Per cent (by value) of Rank (by value) among		Production	Value 1,000 dollars	Per cent of United States (by value)	Production	Value 1,000 dollars
			Eleven western states	United States					
ORANGES	1,000 boxes				1,000 boxes			1,000 boxes	
Early and Midseason:									
Average 1947-48 to 1951-52.....	14,730	32,867	96.5		18,966	Not reported		36,204	Not reported
Average 1952-53 to 1956-57.....	15,398	39,297	96.4	Not reported	15,878	40,783	Not reported	66,903	
1958-59.....	16,900	53,973	97.3		17,170	55,482		64,270	
1959-60.....	13,500	49,742	95.8		14,060	51,948		63,060	
Valencias:									
Average 1947-48 to 1951-52.....	26,934	48,357	98.3		27,352	49,215		57,040	
Average 1952-53 to 1956-57.....	23,026	55,164	97.3	Not reported	23,674	56,687	Not reported	61,149	Not reported
1958-59.....	23,300	68,607	98.5		23,640	69,654		63,190	
1959-60.....	17,300	65,342	95.6		18,240	68,331		61,940	
All oranges (including tangerines):									
Average 1947-48 to 1951-52.....	41,664	81,224	97.5	41.1	42,585	83,279	42.2	114,279	197,564
Average 1952-53 to 1956-57.....	38,424	94,461	96.9	35.3	39,552	97,470	36.4	133,179	267,803
1958-59.....	40,200	122,580	98.0	28.6	40,810	125,136	29.2	133,830	428,690
1959-60.....	30,800	115,084	95.7	32.2	32,300	120,279	33.7	129,560	357,292

14. *Citrus crops—concluded*

	CALIFORNIA				ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value	Per cent (by value) of		Rank (by value) among		Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states	All states			
	1,000 boxes	1,000 dollars					1,000 boxes	1,000 dollars	1,000 dollars
LEMONS									
Average 1947-48 to									
1951-52.....	12,098	39,749	100.0	100.0	1	1	12,098	39,749	39,749
Average 1952-53 to									
1956-57.....	14,404	42,021	100.0	100.0	1	1	14,404	42,021	42,021
1958-59.....	16,900	32,448	97.8	97.8	1	1	17,240	33,189	33,189
1959-60.....	17,100	32,661	93.4	93.4	1	1	18,230	34,977	34,977
GRAPEFRUIT									
Average 1947-48 to									
1951-52.....	2,394	3,237	67.3	7.5	1	3	5,108	4,810	42,917
Average 1952-53 to									
1956-57.....	2,460	4,692	68.4	10.5	1	2	4,998	6,857	44,632
1958-59.....	2,530	5,089	67.0	8.1	1	3	4,390	7,599	62,508
1959-60.....	2,700	4,672	56.7	8.1	2	4	5,920	8,246	57,419

	CALIFORNIA				ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value	Per cent (by value) of Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States					
	1,000 tons	1,000 dollars			1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
WALNUTS									
Average 1948-52	69	27,909	92.2	92.2	77	30,265	100.0	77	30,265
Average 1953-57	65	28,699	93.9	93.9	70	30,568	100.0	70	30,568
1959	58	28,256	94.0	94.0	63	30,146	100.0	63	30,146
1960	70	36,837	96.3	96.3	73	38,262	100.0	73	38,262
PECANS									
Average 1948-52*					1	608	2.1	74	29,184
Average 1953-57		N O T	R E P O R T E D		2	1,215	3.4	77	35,289
1959					3	2,016	4.3	72	47,141
1960					4	3,040	5.2	94	58,113
ALMONDS									
Average 1948-52	39	17,464	100.0	100.0	39	17,464	100.0	39	17,464
Average 1953-57	43	27,783	100.0	100.0	43	27,783	100.0	43	27,783
1959	83	38,585	100.0	100.0	83	38,585	100.0	83	38,585
1960	53	27,878	100.0	100.0	53	27,878	100.0	53	27,878
FILBERTS									
Average 1948-52					8	2,326	100.0	8	2,326
Average 1953-57		N O T	R E P O R T E D		7	2,570	100.0	7	2,570
1959					10	3,799	100.0	10	3,799
1960					9	3,760	100.0	9	3,760

* Four-year average for eleven western states.

Fruits, noncitrus

(16)

California ranks first in the value of her apricots, avocados, figs, grapes, olives, peaches, pears, plums, prunes, and other fruits.

	CALIFORNIA						ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value	Per cent (by value) of		Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states	All states					
	1,000 tons	1,000 dollars					1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
APPLES											
Average 1948-52.....	192	9,572	11.0	4.9	2	5	998	87,063	44.9	2,855	193,996
Average 1953-57.....	206	12,904	18.6	6.4	2	4	910	69,547	34.6	2,565	201,196
1959.....	251	12,841	18.5	6.0	2	6	893	69,515	32.5	3,044	214,171
1960.....	213	14,846	19.8	6.2	2	5	768	75,083	31.5	2,604	238,161
APRICOTS											
Average 1948-52.....	185	16,836	92.2	92.2	1	1	204	18,255	100.0	204	18,255
Average 1953-57.....	195	22,649	91.2	91.2	1	1	214	24,844	100.0	214	24,844
1959.....	210	24,150	91.5	91.5	1	1	230	26,393	100.0	230	26,393
1960.....	230	23,400	93.7	93.7	1	1	243	24,976	100.0	243	24,976
AVOCADOS											
Average 1948-52.....	21	7,198	100.0	90.5	1	1	21	7,198	90.5	26	7,957
Average 1953-57.....	30	8,318	100.0	86.2	1	1	30	8,318	86.2	42	9,647
1959.....	70	7,659	100.0	92.5	1	1	70	7,659	92.5	78	8,279
1960.....	27	7,830	100.0	96.1	1	1	27	7,830	96.1	29	8,145
CHERRIES (sweet and sour)											
Average 1948-52.....	32	7,996	40.1	19.7	1	2	93	19,923	49.0	230	40,647
Average 1953-57.....	30	8,805	37.8	19.5	1	2	88	23,295	51.5	220	45,205
1959.....	15	6,915	29.6	15.8	2	3	67	23,392	53.3	219	43,854
1960.....	24	6,601	39.8	19.8	1	3	61	21,615	49.7	187	43,466

CRANBERRIES		NOT		REPORTED		3		611		5.6		45	
Average 1948-52						5		1,103		10.1		53	
Average 1953-57						8		1,313		11.8		63	
1959						4		615		5.4		67	
1960												11,347	
FIGS (fresh basis)													
Average 1948-52		96		100.0		1		6,731		100.0		96	
Average 1953-57		85		100.0		1		5,366		100.0		85	
1959		64		100.0		1		5,207		100.0		64	
1960		59		100.0		1		5,074		100.0		60	
GRAPES													
Average 1948-52		2,800		113,971		1		116,113		87.5		2,994	
Average 1953-57		2,569		120,215		1		124,601		86.7		2,800	
1959		2,861		142,380		1		148,450		85.7		3,137	
1960		2,694		131,780		1		134,532		81.9		3,018	
OLIVES													
Average 1948-52		51		8,341		1		8,341		100.0		51	
Average 1953-57		44		8,750		1		8,750		100.0		44	
1959		27		6,183		1		6,183		100.0		27	
1960		65		10,205		1		10,205		100.0		65	
PEACHES													
Average 1948-52		774		48,910		1		57,606		49.1		1,521	
Average 1953-57		819		55,027		1		65,588		52.7		1,485	
1959		937		53,085		1		64,528		46.9		1,801	
1960		910		50,311		1		58,858		43.8		1,783	

Concluded on page 30

16. Fruits, *noncitrus*—concluded

	CALIFORNIA					ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value 1,000 dollars	Per cent (by value) of Rank (by value) among			Production 1,000 tons	Value 1,000 dollars	Per cent of United States (by value)	Production 1,000 tons	Value 1,000 dollars
			Eleven western states	United States	Eleven western states					
PEARS	1,000 tons									
Average 1948-52.....	346	24,061	46.4	40.8	1	625	51,825	87.0	735	59,044
Average 1953-57.....	375	26,960	57.4	51.8	1	648	47,004	90.3	713	52,037
1959.....	405	27,170	58.6	52.2	1	636	46,407	89.2	709	52,049
1960.....	363	30,421	61.7	55.6	1	548	49,275	90.0	615	54,726
PLUMS (fresh basis)										
Average 1948-52.....	77	11,705	100.0	96.1	1	77	11,705	96.1	83	12,178
Average 1953-57.....	84	13,768	100.0	96.0	1	84	13,768	96.0	90	14,337
1959.....	93	13,950	100.0	95.4	1	93	13,950	95.4	100	14,627
1960.....	82	15,360	100.0	94.3	1	82	15,360	94.3	89	16,284
PRUNES (fresh basis)										
Average 1948-52.....	397	30,035	44.5	84.5	1	492	35,564	100.0	492	35,564
Average 1953-57.....	407	35,433	84.2	84.2	1	494	42,061	100.0	494	42,061
1959.....	348	50,179	87.2	87.2	1	437	57,567	100.0	437	57,567
1960.....	348	53,515	91.5	91.5	1	372	58,463	100.0	372	58,463
OTHER*										
Average 1948-52.....	22	2,411	100.0	97.8	1	22	2,411	97.8	22	2,465
Average 1953-57.....	25	2,613	100.0	96.8	1	25	2,613	96.8	25	2,699
1959.....	32	3,931	100.0	100.0	1	32	3,931	100.0	32	3,931
1960.....	26	3,199	100.0	100.0	1	26	3,199	100.0	26	3,199

* Dates, pomegranates, pineapples, and persimmons.

Vegetables, fresh

(20)

California leads all other states in the production of such major fresh vegetables as artichokes, asparagus, broccoli, Brussels sprouts, cantaloupes, carrots, cauliflower, celery, garlic, melons, lettuce, green peas, strawberries, and tomatoes.

	CALIFORNIA					ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value 1,000 dollars	Per cent (by value) of			Production	Value 1,000 dollars	Per cent of United States (by value)	Production	Value
			Rank (by value) among							
			Eleven western states	United States	All states					
	tons					tons			tons	1,000 dollars
ARTICHOKES*										
Average 1948-52.....	14,704	2,763	100.0	100.0	1	14,704	2,763	100.0	14,704	2,763
Average 1953-57.....	17,090	2,955	100.0	100.0	1	17,090	2,955	100.0	17,090	2,955
1959.....	18,800	3,419	100.0	100.0	1	18,800	3,419	100.0	18,800	3,419
1960.....	20,900	3,712	100.0	100.0	1	20,900	3,712	100.0	20,900	3,712
ASPARAGUS										
Average 1948-52.....	26,352	6,692	83.6	47.0	1	33,048	8,009	56.3	55,884	14,233
Average 1953-57.....	28,980	8,169	87.8	52.8	1	34,520	9,300	60.1	56,800	15,482
1959.....	33,350	9,605	88.9	56.6	1	38,900	10,806	63.7	62,100	16,974
1960.....	33,900	9,492	88.3	54.1	1	39,350	10,745	61.2	64,050	17,560
LIMA BEANS										
Average 1948-52.....			NOT REPORTED						28,141	4,434
Average 1953-57.....									18,910	3,180
1959.....									18,700	3,642
1960.....									16,950	2,790
SNAP BEANS										
Average 1948-52.....	27,771	4,784	94.2	11.1	1	29,781	5,079	11.8	278,775	42,972
Average 1953-57.....	33,810	6,745	96.0	15.6	1	35,520	7,029	16.3	292,450	43,141
1959.....	26,500	6,552	95.2	17.1	1	28,250	6,884	18.0	211,800	38,256
1960.....	16,850	3,816	92.5	10.0	1	18,600	4,124	10.8	226,950	38,273

17. Vegetables, fresh—continued

	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES			
	Production	Value 1,000 dollars	Per cent (by value) of		Rank (by value) among	Production	Value 1,000 dollars	Per cent of United States (by value)	Production	Value 1,000 dollars		
			Eleven western states	United States							Eleven western states	All states
	tons					tons			tons			
BROCCOLI												
Average 1948-52	46,591	8,109	84.9	54.2	1	55,466	9,549	63.8	92,793	14,960		
Average 1953-57	63,290	9,398	88.1	59.2	1	71,010	10,668	67.2	102,400	15,869		
1959	70,600	11,213	88.0	68.9	1	79,100	12,744	81.3	103,250	16,267		
1960	77,500	12,496	88.2	66.9	1	86,950	14,163	75.9	115,400	18,666		
BRUSSELS SPROUTS*												
Average 1948-52†	20,538	4,195	100.0	87.5	1	20,538	4,195	87.5	23,150	4,796		
Average 1953-57	28,890	4,331	100.0	87.8	1	28,890	4,331	87.8	31,530	4,930		
1959	31,200	5,175	100.0	87.8	1	31,200	5,175	87.8	34,300	5,892		
1960	32,900	5,854	100.0	89.9	1	32,900	5,854	89.9	36,000	6,514		
BEETS												
Average 1948-52									44,424	2,112		
Average 1953-57									32,500	1,724		
1959									23,050	1,164		
1960									26,250	1,325		
CABBAGE*												
Average 1948-52	94,080	4,196	56.3	9.8	1	198,600	7,451	17.4	1,200,620	42,802		
Average 1953-57	99,570	3,770	56.3	10.0	1	182,450	6,692	17.8	1,201,930	37,542		
1959	122,200	5,541	62.0	11.7	1	206,400	8,936	18.9	1,092,600	47,365		
1960	126,750	5,609	67.0	12.3	1	202,900	8,374	18.4	1,277,250	45,476		
CANTALOUPE												
Average 1948-52	211,757	21,181	62.8	49.9	1	352,688	33,739	79.5	483,385	42,453		
Average 1953-57	272,500	22,520	63.4	42.0	1	419,690	35,500	66.2	617,740	53,606		
1959	345,400	31,811	73.8	56.5	1	475,650	43,127	76.6	641,300	56,282		
1960	335,650	29,344	70.8	54.2	1	459,550	41,462	76.5	628,650	54,187		
CARROTS*												
Average 1948-52	300,895	24,769	71.9	55.2	1	434,900	34,428	76.7	758,855	44,906		
Average 1953-57	312,830	28,523	81.2	60.8	1	424,570	35,134	74.9	766,140	46,899		
1959	342,200	27,159	83.7	63.8	1	445,800	32,463	76.3	723,450	42,555		
1960	293,600	21,501	74.1	60.4	1	402,700	25,574	71.9	795,000	35,580		

CELERY Average 1948-52 Average 1953-57 1959 1960	60,085	6,717	73.1	41.4	1	1	81,290	9,185	56.6	130,871	16,217
	51,560	5,682	77.7	36.4	1	1	66,201	7,311	46.8	126,539	15,625
	65,918	7,329	84.9	52.6	1	1	78,128	8,636	62.0	113,190	13,924
	71,692	7,348	83.7	46.3	1	1	86,598	8,774	55.2	133,402	15,887
CELERY*											
Average 1948-52 Average 1953-57 1959 1960	307,434	24,093	89.1	47.7	1	1	350,832	27,052	53.6	50,475	670,254
	431,940	31,318	94.3	58.2	1	1	456,620	33,194	61.7	761,340	53,783
	433,500	30,059	95.0	62.5	1	1	460,050	31,648	65.8	776,350	48,088
	424,600	29,413	95.9	59.2	1	1	441,100	30,668	61.7	743,600	49,717
SWEET CORN											
Average 1948-52 Average 1953-57 1959 1960	65,206	5,117	77.3	13.9	1	2	90,969	6,618	18.0	565,269	36,859
	73,020	6,616	81.7	14.8	1	2	95,350	8,099	18.1	591,370	44,636
	79,150	7,232	81.1	15.0	1	2	101,100	8,916	18.5	664,550	48,287
	67,600	7,268	81.1	13.9	1	2	91,200	8,964	17.2	649,200	52,267
CUCUMBERS											
Average 1948-52 Average 1953-57 1959 1960	21,389	1,547	100.0	9.6	1	2	21,389	1,547	9.6	166,886	16,076
	29,490	2,479	100.0	12.1	1	2	29,490	2,479	12.1	206,790	20,443
	32,200	3,310	100.0	16.0	1	2	32,200	3,310	16.0	187,550	20,717
	28,500	3,199	100.0	16.4	1	2	28,500	3,199	16.4	203,200	19,552
EGG PLANT											
Average 1948-52 Average 1953-57 1959 1960	NOT REPORTED			REPORTED							
							24,466				
							23,490				
							25,150				
ESCAROLE											
Average 1948-52 Average 1953-57 1959 1960	NOT REPORTED			REPORTED							
							23,368				
							35,760				
							46,900				
GARLIC*											
Average 1948-52 Average 1953-57 1959 1960	6,590	1,624	100.0	95.7	1	1	6,590	1,624	95.7	6,970	1,697
	8,790	1,925	100.0	100.0	1	1	8,790	1,925	100.0	8,790	1,925
	13,600	2,576	100.0	100.0	1	1	13,600	2,576	100.0	13,600	2,576
	22,950	3,534	100.0	100.0	1	1	22,950	3,534	100.0	22,950	3,534

Concluded on page 34

17. Vegetables, fresh—concluded

	CALIFORNIA						ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value	Per cent (by value) of		Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states	All states					
	tons	1,000 dollars					tons	1,000 dollars		tons	1,000 dollars
HONEYBALL MELONS											
Average 1948-52	2,807	302	100.0	100.0	1	1	2,807	302	100.0	2,807	302
Average 1953-57											
1959											
1960											
HONEYDEW MELONS											
Average 1948-52	34,912	3,736	64.3	64.1	1	1	51,457	5,807	99.7	51,632	5,827
Average 1953-57	59,540	5,524	79.9	73.9	1	1	73,100	6,913	92.5	78,070	7,473
1959	54,350	5,802	94.0	83.1	1	1	57,150	6,172	88.4	62,550	6,982
1960	57,000	5,297	88.4	78.6	1	1	63,000	5,993	88.9	68,100	6,738
KALE*											
Average 1948-52											
Average 1953-57											
1959											
1960											
LETTUCE											
Average 1948-52	798,357	72,598	71.9	63.2	1	1	1,122,065	100,907	87.9	1,285,186	114,792
Average 1953-57	1,053,520	79,232	72.1	60.2	1	1	1,407,500	109,888	83.5	1,652,350	131,670
1959	955,900	76,103	64.0	57.8	1	1	1,489,450	118,940	90.4	1,654,050	131,607
1960	1,040,750	76,054	61.6	53.6	1	1	1,596,200	123,424	87.0	1,799,600	141,888
ONIONS*											
Average 1948-52	150,545	8,485	36.9	13.8	1	3	459,570	23,023	37.4	1,031,230	61,629
Average 1953-57	175,280	8,900	42.1	16.9	1	3	494,670	21,161	40.1	1,178,750	52,714
1959	253,150	10,679	45.7	19.4	1	2	647,800	23,348	42.3	1,288,050	55,159
1960	228,000	8,927	38.1	16.5	1	2	607,500	23,412	43.4	1,311,600	53,969
PEAS, GREEN											
Average 1948-52	21,510	3,504	76.1	62.4	1	1	32,673	4,605	82.0	39,411	5,616
Average 1953-57	11,720	2,173	79.0	67.4	1	1	16,000	2,749	85.2	19,030	3,226
1959	10,400	2,136	88.9	76.9	1	1	11,950	2,403	86.5	13,650	2,777
1960	8,850	1,670	86.2	73.4	1	1	10,500	1,934	85.0	12,300	2,275

LILY PARS, GREEN*									
Average 1948-52	13,942	2,396	100.0	16.0	1	2	13,942	2,396	16.0
Average 1953-57	29,080	4,237	100.0	17.7	1	2	29,080	4,237	17.7
1959	43,200	7,332	100.0	26.0	1	2	43,200	7,332	26.0
1960	34,900	4,704	100.0	18.4	1	2	34,900	4,704	18.4
SHALLOTS									
Average 1948-52									
Average 1953-57									
1959									
1960									
SPINACH									
Average 1948-52	16,738	1,119	73.4	9.1	1	3	23,774	1,524	12.4
Average 1953-57	12,300	1,042	76.3	10.3	1	2	15,490	1,365	13.5
1959	11,700	1,334	74.8	12.9	1	2	16,200	1,784	17.2
1960	10,800	1,361	66.1	12.7	1	2	17,150	2,059	19.2
STRAWBERRIES									
Average 1948-52	19,850	10,315	83.2	20.4	1	1	24,606	12,402	24.6
Average 1953-57	41,445	17,394	91.5	35.8	1	1	45,677	19,005	39.2
1959	48,140	22,144	91.6	42.1	1	1	52,608	24,165	46.0
1960	42,890	20,673	91.6	36.4	1	1	46,932	22,557	39.7
TOMATOES									
Average 1948-52	207,638	29,352	90.6	25.7	1	2	242,894	32,394	28.4
Average 1953-57	273,380	41,112	95.4	29.2	1	1	296,930	43,108	30.6
1959	357,600	59,397	97.2	40.6	1	1	377,050	61,085	41.7
1960	337,750	56,465	97.0	38.6	1	1	356,850	58,224	39.8
WATERMELONS									
Average 1948-52	158,012	4,748	76.2	13.8	1	4	206,288	6,231	18.1
Average 1953-57	135,290	5,899	71.8	14.0	1	2	187,200	8,219	19.5
1959	168,600	9,543	82.5	20.1	1	2	224,500	11,573	24.4
1960	179,000	6,560	80.6	16.5	1	2	222,400	8,144	20.5

* For fresh market and processing.

† Four-year average.

‡ Cauliflower production figures have been revised on the basis of a close trim head (prepackaging).

§ Includes some strawberries for processing in 18 states other than California.

18.

Vegetables, processing

(21)

Tomatoes are the most valuable vegetable crop produced in California for commercial processing, followed by asparagus, Lima beans, snap beans, and cucumbers.

	CALIFORNIA				ELEVEN WESTERN STATES			UNITED STATES	
	Production	Value 1,000 dollars	Per cent (by value) of Rank (by value) among		Production	Value 1,000 dollars	Per cent of United States (by value)	Production	Value 1,000 dollars
			Eleven western states	United States					
ASPARAGUS	tons				tons			tons	
Average 1948-52	52,566	10,449	84.0	51.0	63,100	12,432	60.7	100,580	20,469
Average 1953-57	57,866	11,940	81.4	49.0	71,454	14,662	60.2	111,336	24,359
1959	60,000	11,400	80.3	48.5	73,650	14,194	60.4	118,520	23,518
1960	64,000	13,568	77.8	49.2	81,000	17,432	63.2	125,920	27,558
LIMA BEANS									
Average 1948-52	28,574	4,511	94.3	35.5	30,246	4,784	37.7	86,388	12,702
Average 1953-57	40,690	6,169	97.8	41.7	41,596	6,308	42.6	100,216	14,804
1959	37,680	5,426	97.7	49.2	38,550	5,555	50.4	82,640	11,018
1960	46,650	7,123	97.2	48.1	48,030	7,327	49.5	103,170	14,797
SNAP BEANS									
Average 1948-52	10,760	1,181	12.5	4.2	78,360	9,477	33.7	246,724	28,162
Average 1953-57	23,580	2,962	20.1	7.5	116,800	14,763	37.3	334,292	39,550
1959	27,000	3,367	21.7	8.5	124,600	15,505	39.2	368,960	39,531
1960	30,600	3,849	24.5	8.7	126,600	15,706	35.7	406,500	44,034
BEETS									
Average 1948-52					18,400	454	15.2	140,220	2,989
Average 1953-57					21,520	555	17.1	163,820	3,252
1959					20,400	547	20.7	143,200	2,640
1960					20,300	487	17.4	145,860	2,806
		NOT	REPORTED						

CABBAGE (for sauerkraut)		NOT REPORTED		NOT REPORTED		6,540		97		3.7		194,560 203,940 149,770 220,460		2,633 2,803 2,279 3,419	
Average 1948-52															
Average 1953-57															
1959															
1960															
SWEET CORN															
Average 1948-52															
Average 1953-57															
1959															
1960															
CUCUMBERS (pickles)															
Average 1948-52															
Average 1953-57															
1959															
1960															
GREEN PEAS (shelled)															
Average 1948-52															
Average 1953-57															
1959															
1960															
SPINACH															
Average 1948-52															
Average 1953-57															
1959															
1960															
TOMATOES															
Average 1948-52															
Average 1953-57															
1959															
1960															

19.

Livestock ...

(15, 18, 22)

In terms of gross income, California leads all states in turkeys and eggs, and is third in milk, wool, chickens, sheep and lambs, and cattle and calves.

	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES		
	Production	Gross income*	Per cent (by gross income) of		Rank (by gross income) among		Production	Gross income	Per cent of United States (by gross income)	Production	Gross income
			Eleven western states	United States	Eleven western states	All states					
1,000 pounds	1,000 dollars					1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars	
CATTLE AND CALVES											
Average 1948-52	849,775	325,211	27.3	5.5	1	6	3,877,661	1,190,567	20.2	20,724,948	5,899,433
Average 1953-57	1,141,908	307,112	28.8	5.7	1	5	4,998,452	1,067,372	19.7	27,434,048	5,408,842
1959	1,267,365	462,869	28.1	5.8	1	6	5,398,485	1,644,627	20.6	28,279,740	7,998,994
1960	1,388,800	518,794	31.1	6.9	1	3	5,614,465	1,670,183	22.1	28,705,600	7,549,948
HOGS											
Average 1948-52	154,774	34,098	28.0	0.9	1	24	562,137	121,870	3.1	20,034,260	3,920,176
Average 1953-57	101,600	21,388	29.0	0.6	1	24	371,345	73,873	2.2	18,534,951	3,337,529
1959	90,749	15,443	22.8	0.5	1	25	437,489	67,714	2.3	21,272,858	2,985,729
1960	87,624	16,599	24.3	0.5	1	25	396,368	68,201	2.2	18,988,866	3,047,587
SHEEP AND LAMBS											
Average 1948-52	99,775	32,991	18.8	8.1	2	2	609,489	175,908	43.2	1,360,427	406,013
Average 1953-57	117,035	28,079	20.3	8.6	1	1	706,383	138,298	42.3	1,573,222	326,885
1959	112,133	24,785	17.6	7.3	2	3	750,709	140,547	41.5	1,712,664	338,274
1960	115,135	27,740	19.7	8.3	2	3	722,724	140,904	42.3	1,659,660	332,914
TURKEYS											
Average 1948-52	156,216	52,566	57.2	17.7	1	1	271,912	91,842	30.8	825,112	297,719
Average 1953-57	215,774	57,227	64.6	17.2	1	1	332,200	88,633	26.6	1,177,923	332,979
1959	248,414	61,499	68.0	17.8	1	1	369,929	90,387	26.2	1,433,055	344,599
1960	288,371	71,078	68.3	18.8	1	1	420,262	104,036	27.6	1,510,082	377,151
CHICKENS											
Average 1948-52	88,033	23,090	41.3	3.7	1	10	215,113	55,856	9.0	2,451,705	618,317
Average 1953-57	85,072	14,453	49.0	4.7	1	5	166,221	29,521	9.6	1,720,765	308,935
1959	105,083	10,116	60.0	6.4	1	2	162,691	16,863	10.7	1,345,802	157,241
1960	101,356	8,953	60.9	6.1	1	3	153,239	14,709	10.1	1,143,412	146,129

* Gross income equals cash receipts from sales plus value of home consumption. Value of production not reported for livestock and livestock products.

	CALIFORNIA					ELEVEN WESTERN STATES			UNITED STATES		
	Production	Gross income*	Per cent (by gross income) of		Rank (by gross income) among		Production	Gross income	Per cent of United States (by gross income)	Production	Gross income
			Eleven western states	United States	Eleven western states	All states					
EGGS	Million eggs	1,000 dollars					Million eggs	1,000 dollars		Million eggs	1,000 dollars
Average 1948-52	3,264	129,143	52.3	6.2	1	3	6,172	246,862	11.8	57,228	2,097,990
Average 1953-57	4,408	153,539	58.8	7.8	1	1	7,409	261,057	13.2	59,698	1,973,705
1959	5,236	137,445	60.4	8.3	1	1	8,356	227,484	13.7	63,335	1,655,740
1960	5,678	168,447	63.5	9.2	1	1	8,747	265,308	14.4	61,377	1,838,082
WOOL	1,000 pounds						1,000 pounds			1,000 pounds	
Average 1948-52	14,926	9,245	13.9	6.6	3	4	106,745	66,478	47.6	223,602	139,530
Average 1953-57	17,408	9,266	16.4	7.8	1	2	114,297	56,331	47.7	238,125	118,218
1959	19,014	8,176	15.7	7.3	2	3	120,429	52,069	46.4	259,939	112,328
1960	19,803	8,713	16.8	7.6	2	3	124,637	51,937	45.1	266,563	115,135
MOHAIR											
Average 1948-52	40	19	6.9	0.2	4	6	511	276	2.8	13,888	10,031
Average 1953-57	28	18	6.2	0.1	4	6	461	291	2.2	16,303	13,392
1959	28	18	4.9	0.1	4	6	506	369	1.6	24,151	23,301
1960	33	25	6.2	0.1	4	6	543	404	1.9	24,445	21,442
MILK											
Average 1948-52	5,961,000	282,172	47.5	5.8	1	3	13,187,200	593,424	12.2	114,983,000	4,877,260
Average 1953-57	7,180,200	336,445	51.4	6.8	1	3	14,682,200	654,500	13.3	122,949,600	4,934,962
1959	7,943,000	387,618	54.4	7.7	1	3	15,600,000	712,974	14.2	121,989,000	5,037,223
1960	8,109,000	394,097	54.1	7.7	1	3	15,992,000	727,995	14.2	122,920,000	5,137,999

* Gross income equals cash receipts from sales plus value of home consumption. Value of production not reported for livestock and livestock products.

* Gross income equals cash receipts from sales plus value of home consumption. Value of production not reported for livestock and livestock products.

21.

*The total crop value picture—
a summary of preceding tables*

	CALIFORNIA						ELEVEN WESTERN STATES		UNITED STATES
	Value	Per cent (by value) of		Rank (by value) among		Value	Per cent of United States (by value)		
		Eleven western states	United States	Eleven western states	All states				
ALL GRAINS	1,000 dollars					1,000 dollars		1,000 dollars	
Average 1948-52	154,367	17.0	1.8	3	18	906,186	10.3	8,792,173	
Average 1953-57	189,154	19.9	2.3	2	15	950,795	11.6	8,188,587	
1959	192,808	20.3	2.4	1	14	951,227	11.7	8,138,835	
1960	186,947	20.7	2.2	1	17	904,926	10.5	8,604,689	
FOOD GRAINS									
Average 1948-52	71,020	11.0	2.8	5	13	643,730	25.2	2,558,030	
Average 1953-57	72,245	11.7	3.1	4	13	616,041	26.6	2,319,359	
1959	71,632	12.2	3.2	4	10	585,156	26.1	2,244,562	
1960	71,611	12.6	2.7	4	12	568,173	21.4	2,658,419	
FEED GRAINS									
Average 1948-52	83,347	31.8	1.3	1	19	262,456	4.2	6,234,143	
Average 1953-57	116,909	34.9	2.0	1	15	334,754	5.7	5,869,228	
1959	121,176	33.1	2.1	1	12	366,071	6.2	5,894,273	
1960	115,236	34.2	1.9	1	15	336,753	5.7	5,946,270	

ALL FRUITS AND TREE NUTS									
Average 1948-52	600,839	41.6	9.4	1	3	1,443,203	22.6	6,374,164	
Average 1953-57	599,828	42.1	10.2	1	3	1,425,835	24.3	5,862,763	
1959	728,711	43.6	12.2	1	3	1,672,676	27.9	5,986,311	
1960	699,571	42.5	11.7	1	3	1,644,311	27.6	5,964,760	
ALL FRUITS AND TREE NUTS									
Average 1948-52	457,350	76.0	45.5	1	1	601,847	59.9	1,005,490	
Average 1953-57	518,464	80.3	45.6	1	1	645,342	56.8	1,135,946	
1959	580,608	81.2	41.5	1	1	714,965	51.1	1,398,220	
1960	571,674	81.5	42.3	1	1	701,527	52.0	1,350,304	
CITRUS									
Average 1948-52	124,210	97.2	44.3	1	2	127,838	45.6	280,230	
Average 1953-57	141,174	96.5	39.8	1	2	146,348	41.3	354,456	
1959	160,117	96.5	30.5	1	2	165,924	31.6	524,387	
1960	152,417	93.2	33.9	1	2	163,502	36.4	449,688	
FRUITS (noncitrus)									
Average 1948-52	287,767	67.9	44.5	1	1	423,346	65.6	646,021	
Average 1953-57	320,808	73.4	46.8	1	1	436,858	63.7	685,280	
1959	353,650	74.5	46.9	1	1	474,495	62.9	754,162	
1960	354,542	76.2	45.9	1	1	465,085	60.2	772,603	
TREE NUTS									
Average 1948-52	45,373	89.6	57.3	1	1	50,663	63.9	79,239	
Average 1953-57	56,482	90.9	58.7	1	1	62,136	64.6	96,210	
1959	66,841	89.7	55.9	1	1	74,546	62.3	119,671	
1960	64,715	88.7	50.6	1	1	72,940	57.0	128,013	

Concluded on page 42

21. The total crop picture—concluded

	CALIFORNIA				ELEVEN WESTERN STATES		UNITED STATES
	Per cent (by value) of		Rank (by value) among		Value	Per cent of United States (by value)	
	Value	Eleven western states	United States	Eleven western states	All states		
1,000 dollars					1,000 dollars	1,000 dollars	
ALL VEGETABLES							
Average 1948-52	308,445	72.0	1	1	428,251	1,614,502	
Average 1953-57	367,638	75.3	1	1	488,714	1,100,848	
1959	413,371	76.1	1	1	543,171	1,113,921	
1960	405,932	75.1	1	1	540,776	1,144,300	
VEGETABLES FOR COMMERCIAL PROCESSING							
Average 1948-52	56,103	64.2	1	1	87,421	236,931	
Average 1953-57	67,694	63.0	1	1	107,452	271,341	
1959	67,920	63.0	1	1	107,729	259,332	
1960	81,635	67.4	1	1	121,178	287,430	
VEGETABLES FOR FRESH MARKET							
Average 1948-52	252,342	74.0	1	1	340,830	1,377,571	
Average 1953-57	299,944	78.7	1	1	381,262	829,507	
1959	345,451	79.3	1	1	435,442	954,589	
1960	324,297	77.3	1	1	419,598	856,870	
LIVESTOCK AND LIVESTOCK PRODUCTS*							
Average 1948-52	888,535	34.9	1	6	2,543,083	18,266,469	
Average 1953-57	927,527	39.1	1	3	2,369,876	16,755,447	
1959	1,107,969	37.5	1	3	2,953,034	18,653,429	
1960	1,214,446	39.9	1	2	3,043,677	18,566,387	

* Gross income rather than value of production.

22.

Commodity group values— a summary

How the nine main groups of California farm products changed in value and as proportions of the state's total value of agricultural production between 1948-52 and 1960.

	Average 1948-52		Average 1953-57		1959		1960	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	1,000 dollars		1,000 dollars		1,000 dollars		1,000 dollars	
Livestock and livestock products*	888,535	36.9	927,527	35.6	1,107,969	36.7	1,214,446	39.4
Field crops	600,839	24.9	599,828	23.1	728,711	24.1	699,571	22.7
Fruits (noncitrus)	287,767	11.9	320,808	12.3	353,650	11.7	354,542	11.5
Commercial vegetables for fresh market	252,342	10.5	299,944	11.5	345,451	11.4	324,297	10.5
Citrus fruits	124,210	5.2	141,174	5.4	160,117	5.3	152,417	5.1
Feed grains	83,347	3.5	116,909	4.5	121,176	4.0	115,336	3.7
Food grains	71,020	2.9	72,245	2.8	71,632	2.4	71,611	2.3
Tree nuts	45,373	1.9	56,482	2.2	66,841	2.2	64,715	2.1
Vegetables for commercial processing	56,103	2.3	67,694	2.6	67,920	2.2	81,635	2.7
TOTALS	2,409,536	100.0	2,602,611	100.0	3,023,467	100.0	3,078,570	100.0

* Gross income rather than value of production.

The state's ten leading farm products—in value of production

Cattle and calves lead milk and cotton for first place in value of production among the ten leading farm products of California.

Rank*	Average 1948-52		Average 1953-57		1959		1960	
	Product	Per cent of total value†	Product	Per cent of total value†	Product	Per cent of total value†	Product	Per cent of total value†
1	Cattle and calves ‡	13.6	Milk ‡	12.9	Cattle and calves ‡	15.3	Cattle and calves ‡	16.9
2	Milk ‡	11.8	Cattle and calves ‡	11.9	Milk ‡	12.8	Milk ‡	12.8
3	Cotton lint	9.8	Cotton lint	9.4	Cotton lint	10.3	Cotton lint	9.6
4	All hay	6.2	Eggs	5.9	All hay	5.7	All hay	5.6
5	Eggs	5.4	All hay	5.6	Grapes	4.7	Eggs	5.5
6	Grapes	4.8	Grapes	4.6	Eggs	4.5	Grapes	4.3
7	Oranges §	3.4	Oranges §	3.6	Oranges §	4.1	Oranges §	3.7
8	Lettuce	3.0	Tomatoes ||	3.2	Tomatoes ||	3.4	Tomatoes ||	3.5
9	Potatoes	2.9	Lettuce	3.0	Potatoes	2.6	Potatoes	2.6
10	Barley	2.8	Barley	2.9	Lettuce	2.5	Lettuce	2.5
Per cent, first ten, of total value of California farm production . . .		59.9					67.0	

* Ranking of products depends in part on definition of products. Where differences in total value between products are small, definitional changes can result in rearrangement.

† Excluding pastures, horticultural specialties, and minor miscellaneous crops not reported.

‡ Gross income rather than value of production. Gross income consists of cash receipts from farm marketings plus value of home consumption.

§ Citrus fruits reported on crop-season basis rather than calendar-year basis.

|| Includes processing and fresh.

III.

HOW THE PRODUCTS ARE USED

Many agricultural products of California, particularly the fruit crops, may be used in one of several ways—fresh sales, dried, canned, frozen, crushed. Milk is also subject to various forms of processing and use.

The tables on pages 46 to 55 show the alternative outlets of selected agricultural products—deciduous fruits and grapes, olives, and milk. Vegetables for fresh consumption and processing, reported in the previous section, are not included.

How farm products are used

(16)

apples

The following tables show the uses to which apples, apricots, cherries, grapes, peaches, pears, plums, prunes, olives, and milk are put.

	Production having value	Farm household use	Fresh sales		Per cent of total production	Processed								
			Quantity	Per cent of total production		Total quantity processed	Per cent of total production	Canned		Dried		Other*		
								tons	tons	Quantity	Per cent of total processed	Quantity	Per cent of total processed	Quantity	Per cent of total processed
	tons	tons	tons		tons		tons		tons		tons		tons	
CALIFORNIA														
Average 1948-52	187,656	2,688	87,288	46.5	97,680	52.1	26,304	26.9	38,760	39.7	32,616	33.4		
Average 1953-57	205,759	2,568	58,027	28.2	145,164	70.6	48,116	33.1	49,676	34.2	47,372	32.6		
1959	250,540	2,400	60,955	24.3	187,185	74.7	59,299	31.7	50,684	27.1	77,202	41.2		
1960	213,343	2,400	58,267	27.3	152,676	71.6	51,788	33.9	36,813	24.1	64,075	42.0		
ELEVEN WESTERN STATES														
Average 1948-52	972,480	14,472	758,400	78.0	199,608	20.5	45,048	22.6	93,720	47.0	60,840	30.5		
Average 1953-57	902,925	12,335	659,513	73.0	231,077	25.6	68,442	29.6	88,217	38.2	74,418	32.2		
1959	892,680	11,376	603,816	67.6	277,438	31.0	77,436	27.8	89,568	32.3	110,784	40.0		
1960	766,080	9,912	532,296	69.3	223,872	29.1	67,224	30.0	68,016	30.4	88,632	39.6		
UNITED STATES														
Average 1948-52	2,513,016	114,576	1,696,440	67.5	702,000	27.9	238,056	42.5	100,848	14.4	303,096	43.2		
Average 1953-57	2,541,579	68,874	1,651,518	65.0	821,187	32.3	403,790	49.2	90,976	11.1	326,421	39.7		
1959	3,005,509	56,755	1,916,768	63.8	1,031,986	34.3	459,106	44.5	91,360	8.9	481,520	46.7		
1960	2,601,743	51,836	1,683,796	64.7	866,111	33.3	443,411	51.2	68,610	7.9	354,090	40.9		

* Mostly crushed for vinegar, cider, or juice.

* Mostly crushed for vinegar, cider, or juice.

apricots

	Produc- tion having value	Farm house- hold use	Fresh sales		Processed							
			Quantity	Per cent of total produc- tion	Total quantity proc- essed	Per cent of total produc- tion	Canned		Dried		Other*	
							Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed
CALIFORNIA	tons	tons	tons		tons		tons		tons		tons	
Average 1948-52.....	179,200	1,700	20,860	11.6	156,640	87.4	92,320	58.9	62,240	39.7	2,080	1.3
Average 1953-57.....	195,200	1,700	13,740	7.0	179,760	92.1	117,760	65.5	59,220	32.9	2,780	1.5
1959.....	210,000	1,700	10,500	5.0	197,800	94.2	149,000	75.3	45,100	22.8	3,700	1.9
1960.....	225,000	1,200	11,300	5.0	212,500	94.4	152,000	71.5	53,200	25.1	7,300	3.4
UNITED STATES AND ELEVEN WESTERN STATES												
Average 1948-52.....	195,502	2,803	33,816	17.3	158,883	81.3	94,262	59.3	62,240	39.2	2,381	1.5
Average 1953-57.....	212,680	2,499	26,538	12.5	183,643	86.3	121,643	66.2	59,220	32.2	2,780	1.5
1959.....	229,400	2,330	23,750	10.4	203,320	88.6	154,520	76.0	45,100	22.2	3,700	1.8
1960.....	237,570	1,710	19,560	8.2	216,300	91.0	155,800	72.0	53,200	24.6	7,300	3.4
* Mostly frozen.												

* Mostly frozen.

Continued on page 48

24. How farm products are used—continued

cherries

	Production having value	Farm house- hold use	Fresh sales		Processed									
			Quantity	Per cent of total produc- tion	Total quantity proc- essed	Per cent of total produc- tion	Canned		Brined		Other			
							Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed		
	tons	tons	tons		tons		tons		tons		tons		tons	
CALIFORNIA														
Average 1948-52.....	31,560	300	13,480	42.7	17,780	56.3	6,960	39.1	10,700	60.2	120	0.7		
Average 1953-57.....	20,200	300	13,020	43.1	16,880	55.9	6,700	39.7	10,180	60.3	0	0		
1959.....	15,000	300	7,200	48.0	7,500	50.0	2,300	30.7	5,200	69.3	0	0		
1960.....	23,500	300	8,700	37.0	14,500	61.7	3,200	22.1	11,300	77.9	0	0		
ELEVEN WESTERN STATES														
Average 1948-52.....	89,944	5,246	37,213	40.3	47,485	53.9	20,541	43.3	23,340	49.2	3,604	7.6		
Average 1953-57.....	87,937	3,788	33,903	38.6	50,246	57.1	20,269	40.3	26,480	52.7	3,497	7.0		
1959.....	66,188	2,885	23,594	35.6	39,709	60.0	13,176	33.2	23,507	59.2	3,026	7.6		
1960.....	60,160	2,556	21,970	36.5	35,634	59.2	12,069	33.9	20,457	57.4	3,108	8.7		
UNITED STATES														
Average 1948-52.....	224,604	10,913	46,738	20.8	166,948	74.3	90,523	54.2	31,970	19.1	44,455	26.6		
Average 1953-57.....	218,952	6,087	41,869	19.0	170,996	78.1	78,197	45.7	37,248	21.8	55,551	32.5		
1959.....	217,928	4,355	32,461	14.9	181,112	83.1	82,480	45.5	40,182	22.2	58,450	32.3		
1960.....	185,560	3,871	28,987	15.6	152,702	82.3	54,922	36.0	33,432	21.9	64,348	42.1		

	Fresh sales			Processed								
	Production having value	Farm household use	Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned		Dried		Other	
							Quantity	Per cent of total processed	Quantity	Per cent of total processed	Quantity	Per cent of total processed
	tons	tons	tons		tons		tons		tons		tons	
CALIFORNIA												
Average 1948-52	2,799,800	2,700	547,200	19.5	2,249,900	80.4	25,600	1.1	942,300	41.9	1,282,000	57.0
Average 1953-57	2,568,600	2,700	517,740	20.2	2,048,160	79.7	31,860	1.6	798,860	39.0	1,217,440	59.4
1959	2,861,000	2,400	529,000	18.5	2,329,600	81.4	37,500	1.6	892,000	38.3	1,400,100	60.1
1960	2,694,000	2,400	522,900	19.4	2,168,700	80.5	40,700	1.9	776,000	35.8	1,352,000	62.3
ELEVEN WESTERN STATES												
Average 1948-52	2,824,998	4,136	548,592	19.4	2,272,270	80.5	25,600	1.1	942,300	41.5	1,304,370	57.4
Average 1953-57	2,608,220	3,218	518,522	19.9	2,086,480	80.0	31,860	1.5	798,860	38.3	1,255,760	60.2
1959	2,918,500	2,950	529,950	18.2	2,385,600	81.7	37,500	1.6	892,000	37.4	1,456,100	61.0
1960	2,732,400	2,800	523,400	19.2	2,206,200	80.7	40,700	1.8	776,000	35.2	1,389,500	63.0
UNITED STATES												
Average 1948-52	2,992,912	24,174	575,014	19.2	2,393,724	80.0	25,600	1.1	942,300	39.4	1,425,824	59.6
Average 1953-57	2,798,735	12,618	540,517	19.3	2,245,600	80.2	31,860	1.4	798,869	35.6	1,414,871	63.0
1959	3,136,700	8,585	555,357	17.7	2,572,758	82.0	37,500	1.4	892,000	34.7	1,643,258	63.9
1960	2,996,640	8,228	544,453	18.2	2,443,959	81.6	40,700	1.7	776,000	31.8	1,627,259	66.6
grapes: California raisin, wine, table												
RAISIN VARIETIES												
Average 1948-52	1,579,000	700	165,240	10.5	1,413,060	89.5	25,600	1.8	941,000	66.6	446,460	31.6
Average 1953-57	1,492,800	700	189,640	12.7	1,302,460	87.2	31,860	2.4	798,400	61.3	472,200	36.3
1959	1,749,000	700	219,100	12.5	1,529,200	87.4	37,500	2.5	892,000	58.3	599,700	39.2
1960	1,623,000	700	201,700	12.4	1,420,600	87.5	40,700	2.9	776,000	54.6	603,900	42.5
WINE VARIETIES												
Average 1948-52	595,400	1,400	86,620	14.5	507,380	85.2	0	0	880	0.2	506,500	99.8
Average 1953-57	565,200	1,400	77,140	13.6	486,660	86.1	0	0	460	0.1	486,200	99.9
1959	580,000	1,200	67,900	11.7	510,900	88.1	0	0	0	0	510,900	100.0
1960	511,000	1,200	69,800	13.7	440,000	86.1	0	0	0	0	440,000	100.0
TABLE VARIETIES												
Average 1948-52	625,400	600	295,340	47.2	329,460	52.7	0	0	420	0.2	329,040	99.8
Average 1953-57	510,600	600	250,960	49.2	259,040	50.7	0	0	0	0	259,040	100.0
1959	532,000	500	242,000	45.5	289,500	54.4	0	0	0	0	289,500	100.0
1960	560,000	500	251,400	44.9	308,100	55.0	0	0	0	0	308,100	100.0

* Total of raisin, table, and wine grapes.

grapes: California raisin, wine, table

Continued on page 50

24. How farm products are used—continued

olives

	Production having value	Farm house- hold use	Fresh sales		Processed								
			Quantity	Per cent of total produc- tion	Total quantity proc- essed	Per cent of total produc- tion	Crushed for oil		Canned		Other		
							Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed	
	tons	tons	tons		tons	tons	tons	tons	tons	tons	tons	tons	tons
CALIFORNIA													
Average 1948-52	51,200	200	600	1.2	98.4	50,400	19,400	38.5	23,300	46.2	7,700	15.3	
Average 1953-57	44,200	200	560	1.3	98.3	43,400	8,300	18.1	27,420	63.1	7,720	17.8	
1959	27,000	200	200	0.7	98.5	26,600	2,300	8.6	20,400	76.7	3,900	14.7	
1960	65,000	200	700	1.1	98.6	64,100	9,800	15.3	43,500	67.9	10,800	16.8	

	Production having value	Farm house-hold use	Fresh sales		Processed									
			Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned		Dried		Frozen			
							tons	Per cent of total processed	Quantity	Per cent of total processed	Quantity	Per cent of total processed	Quantity	Per cent of total processed
		tons	tons		tons		tons		tons		tons		tons	
CALIFORNIA														
Average 1948-52	733,800	3,288	128,592	17.5	601,920	82.0	532,824	88.5	60,552	10.1	8,568	1.4		
Average 1953-57	782,400	2,920	120,880	15.4	658,600	84.2	589,040	89.4	52,920	8.0	16,640	2.5		
1959	879,000	1,800	115,200	13.1	762,000	86.7	682,000	89.5	56,200	7.4	23,800	3.1		
1960	861,000	1,800	120,400	14.0	738,800	85.8	669,000	90.6	35,800	4.8	34,000	4.6		
ELEVEN WESTERN STATES														
Average 1948-52†	835,800	8,688	209,160	25.0	617,952	73.9	542,520	87.8	62,472	10.1	12,960	2.1		
Average 1953-57	891,288	7,008	201,912	22.7	682,368	76.6	608,496	89.2	52,944	7.7	20,928	3.1		
1959	1,003,104	5,083	204,192	20.4	793,824	79.1	712,032	89.7	56,184	7.1	25,608	3.2		
1960	946,512	4,296	176,664	18.7	765,552	80.9	694,272	90.7	35,808	4.7	35,472	4.6		
UNITED STATES														
Average 1948-52	1,466,472	105,600	717,360	48.9	643,512	43.9	564,312	87.7	60,576	9.4	18,624	2.9		
Average 1953-57	1,442,832	48,312	674,016	46.7	720,504	49.9	637,320	88.5	52,944	7.3	30,240	4.2		
1959	1,726,056	34,656	828,120	48.0	863,280	50.0	763,608	88.5	56,184	6.5	43,488	5.0		
1960	1,722,072	33,744	835,296	48.5	853,032	49.5	763,632	89.5	35,808	4.2	53,592	6.3		

peaches: California clingstone, freestone

CLINGSTONE VARIETIES												
Average 1948-52.....	480,000	1,300	6,360	1.3	472,340	98.4	471,200	99.8	1,140	0.2	0	0
Average 1953-57.....	510,200	1,240	4,220	0.8	504,740	98.9	503,880	99.8	860	0.2	0	0
1959.....	557,000	600	3,500	0.6	552,900	99.3	552,700	100.0	200	†	0	0
1960.....	563,000	600	3,000	0.5	559,400	99.4	559,400	100.0	0	0	0	0
FREESTONE VARIETIES												
Average 1948-52.....	253,800	2,000	122,220	48.2	129,580	51.1	61,640	47.6	59,420	45.9	8,520	6.6
Average 1953-57.....	272,200	1,680	116,660	42.9	153,860	56.5	85,160	55.3	52,060	33.8	16,640	10.8
1959.....	322,000	1,200	111,700	34.7	209,200	64.9	129,300	61.8	56,000	26.8	23,800	11.4
1960.....	298,000	1,200	117,400	39.4	179,400	60.2	109,600	61.1	35,800	20.0	34,000	18.9

* Total of clingstone and freestone peaches.
† Four-year average 1949-52.
‡ Less than .05 per cent.

24. How farm products are used—continued

pears

	Production having value	Farm house- hold use	Fresh sales		Per cent of total produc- tion	Processed									
			Quantity	Per cent of total produc- tion		Total quantity proc- essed	Per cent of total produc- tion	Canned		Dried		Other			
								Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed	Quantity	Per cent of total proc- essed		
	tons	tons	tons		tons	tons	tons	tons	tons	tons	tons	tons	tons	tons	tons
CALIFORNIA															
Average 1948-52.....	330,800	1,220	100,900	30.5	69.1	228,680	96.3	8,300	3.6	180	0.1				
Average 1953-57.....	372,000	1,200	99,340	26.7	73.0	271,460	95.9	11,000	4.1	0	0				
1959.....	405,000	1,000	107,300	26.5	73.3	296,700	96.6	10,000	3.4	0	0				
1960.....	363,000	1,000	88,800	24.5	75.3	273,200	96.8	8,800	3.2	0	0				
ELEVEN WESTERN STATES															
Average 1948-52*.....	617,375	11,675	266,525	43.2	54.9	339,175	94.3	8,900	2.6	10,350	3.1				
Average 1953-57.....	670,125	8,625	270,925	40.4	58.3	390,575	95.7	11,450	2.9	5,350	1.4				
1959.....	661,625	5,925	259,625	39.2	59.9	396,075	97.0	10,400	2.6	1,500	0.4				
1960.....	569,550	5,575	211,725	37.2	61.8	352,250	97.4	9,150	2.6	0	0				
UNITED STATES															
Average 1948-52.....	709,050	47,950	310,275	43.8	49.5	350,825	94.5	8,900	2.5	10,350	3.0				
Average 1953-57.....	737,625	25,950	300,975	40.8	55.7	393,900	95.9	11,450	2.8	5,350	1.3				
1959.....	737,650	18,375	291,350	39.5	58.0	427,925	97.2	10,400	2.4	1,500	0.4				
1960.....	639,175	18,225	239,175	37.4	59.7	381,775	97.6	9,150	2.4	0	0				

* Four-year average 1949-52.

* Four-year average 1949-52.

	Production having value	Farm household use	Fresh sales		Processed							
			Quantity	Per cent of total production	Per cent of total production	Canned		Dried		Other		
						Quantity	Per cent of total processed	Quantity	Per cent of total processed	Quantity	Per cent of total processed	
	tons	tons										
CALIFORNIA												
Average 1948-52	73,800	300	71,460	96.8	tons	2,040	2.8					
Average 1953-57	80,400	300	77,320	96.2		2,780	3.5					
1959	90,000	300	85,300	94.8		4,400	4.9					
1960	80,000	200	76,800	96.0		3,000	3.8					
UNITED STATES												
Average 1948-52	79,422	776	75,500	95.1		3,096	3.9					
Average 1953-57	86,350	568	80,647	93.4		5,135	5.9					
1959	96,800	500	89,440	92.4		6,860	7.1					
1960	87,000	400	79,260	91.1		7,340	8.4					

prunes: fresh basis

	Production having value	Farm household use	Fresh sales		Processed							
			Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned		Dried		Frozen	
							Quantity	Per cent processed	Quantity	Per cent processed	Quantity	Per cent processed
	tons	tons	tons		tons		tons		tons		tons	
CALIFORNIA												
Average 1948-52	393,500	500	0	0	393,000	99.9	0	0	393,000	100.0	0	0
Average 1953-57	403,750	500	0	0	403,250	99.9	0	0	403,250	100.0	0	0
1959	347,500	500	0	0	347,000	99.9	0	0	347,000	100.0	0	0
1960	347,500	250	0	0	347,250	99.9	0	0	347,250	100.0	0	0
UNITED STATES AND ELEVEN WESTERN STATES												
Average 1948-52	476,380	5,068	41,470	8.7	429,842	90.2	22,884	5.3	404,606	94.1	2,352	0.5
Average 1953-57	487,680	3,982	40,990	8.4	442,708	90.8	25,258	5.7	415,790	93.9	1,660	0.4
1959	435,400	3,550	42,250	9.7	389,600	89.5	24,600	6.3	364,500	93.6	1,500	0.1
1960	371,975	1,380	19,290	5.2	351,305	94.4	3,205	0.9	347,950	99.0	150	0.1

24. How farm products are used—a summary

—nine California noncitrus fruits*

	Fresh sales			Processed								
	Production having value	Farm household use	Quantity	Per cent of total production	Total quantity processed†	Per cent of total production	Canned		Dried		Other	
							Quantity	Per cent of total processed	Quantity	Per cent of total processed	Quantity	Per cent of total processed
	tons	tons	tons		tons		tons		tons		tons	
Average 1948-52.....	4,781,340	12,896	970,380	20.3	3,798,064	79.4	927,508	24.4	1,505,152	39.6	1,363,364	36.0
Average 1953-57.....	4,682,509	12,328	900,627	19.2	3,789,494	80.5	1,081,356	28.7	1,374,926	36.5	1,310,432	34.8
1959.....	5,085,040	10,600	915,655	18.0	4,169,385	81.8	1,237,199	29.7	1,400,984	33.8	1,516,202	36.5
1960.....	4,872,343	9,750	887,867	18.2	3,974,726	81.6	1,224,588	30.9	1,257,863	31.6	1,489,275	37.5

* Apples, apricots, cherries, grapes, olives, peaches, pears, plums, and prunes.
† Includes 2,040 tons in 1948-52, 2,780 tons in 1953-57, 4,400 tons in 1959 and 3,000 tons in 1960 of plums, for which method of processing is not reported.

* Apples, apricots, cherries, grapes, olives, peaches, pears, plums, and prunes.

† Includes 2,040 tons in 1948-52, 2,780 tons in 1953-57, 4,400 tons in 1959 and 3,000 tons in 1960 of plums, for which method of processing is not reported.

—milk: disposition on farms

	Total production on farms	Fed or consumed on farms where produced*		Sold or utilized for dairy products sold from farm					
		Quantity	Per cent of total produc- tion	Total quantity pounds	Per cent of total produc- tion	For delivery to plant and dealers pounds	Per cent of total sold	For retail sales by farmers pounds	Per cent of total sold
CALIFORNIA									
Average 1948-52.....	1,000,000 pounds	1,000,000 pounds		1,000,000 pounds		1,000,000 pounds		1,000,000 pounds	
Average 1948-52.....	5,961	347	5.8	5,614	94.2	5,270	93.9	344	6.1
Average 1953-57.....	7,180	296	4.1	6,884	95.9	6,418	93.2	466	6.8
1959.....	7,943	248	3.1	7,695	96.9	7,080	92.0	615	8.0
1960.....	8,109	229	2.8	7,880	97.2	7,258	89.5	622	7.9
ELEVEN WESTERN STATES									
Average 1948-52.....	13,187	1,513	11.5	11,674	88.5	10,911	93.5	763	6.5
Average 1948-52.....	14,682	1,225	8.3	13,457	91.7	12,772	94.9	685	5.1
Average 1953-57.....	15,600	976	6.3	14,624	93.7	13,872	94.9	752	5.1
1959.....	15,992	924	5.8	15,068	94.2	14,315	95.0	753	5.0
1960.....									
UNITED STATES									
Average 1948-52.....	116,283	19,269	16.6	97,014	83.4	92,835	95.7	4,179	4.3
Average 1948-52.....	122,949	14,425	11.7	108,524	88.3	105,814	97.5	2,710	2.5
Average 1953-57.....	121,989	10,036	8.2	111,953	91.8	109,882	98.2	2,071	1.8
1959.....	122,920	9,199	7.5	113,721	92.5	111,734	98.3	1,987	1.7
1960.....									

* Includes small amount of farm-churned butter sold.

* Includes small amount of farm-churned butter sold.

IV.

THE FIVE PRINCIPAL COUNTIES ACCORDING TO PRODUCT GROUPS

The five leading counties and their relative importance in each of six major product groups are listed on pages 58 to 62. Rankings are according to the county's percentage of the state's total production, total acreage, or value of production for each crop.

The tables on pages 58 to 61 deal with food and feed grains, field crops, commercial vegetables, citrus fruits and tree nuts, noncitrus fruits, and livestock and its products. The table on page 62 ranks counties by total value of farm products.

Although county boundaries do not usually coincide with natural boundaries of agricultural production, data are reported by counties and therefore must and usually do serve as satisfactory indicators.

Two or more counties often contribute very nearly the same amount of a given product to the state total, and their relative positions may therefore shift from year to year. Where percentage contributions appear to be equal, or nearly equal, therefore, rankings should be viewed as arbitrary.

25.

The five leading counties

(1, 2, 3, 28, 29)

*—food and feed grains**

RANKINGS AND PERCENTAGES OF STATE TOTAL BY TOTAL PRODUCTION											Per cent five counties of total
First		Second		Third		Fourth		Fifth			
County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	Per cent		
Wheat	12	San Luis Obispo	10	Fresno	8	Yolo	6	Sacramento	6	42	
Rice	19	Sutter	19	Butte	16	Glenn	14	Yolo	10	78	
Corn	21	Sacramento	19	Madera	7	Yolo	7	Butte	7	61	
Oats	14	Sonoma	9	Sutter	8	Solano	7	Sacramento	7	45	
Barley	18	Kings	18	Imperial	8	Yolo	6	Kern	5	55	
Grain sorghum	13	Yolo	12	Kern	10	San Joaquin	10	Solano	8	53	

—field crops

All hay.....	Imperial	11	Kern	10	Fresno	8	Tulare	8	San Joaquin	6	43
Cotton (lint and seed).....	Kern	27	Fresno	26	Tulare	18	Kings	11	Imperial	7	90
Dry beans and field peas.....	Monterey	18	Stanislaus	15	Sutter	13	Orange	7	Ventura	7	60
Flaxseed.....				NOT AVAILABLE							
Potatoes.....	Kern	49	Riverside	13	Modoc	7	San Joaquin	6	Siskiyou	5	80
Sugar beets.....	Imperial	19	San Joaquin	11	Monterey	11	Solano	8	Sacramento	6	55
Seed crops†.....	Fresno	40	Kern	22	Imperial	12	Kings	7	Glenn	4	85

* Excludes rye.
† Red clover, alsike clover, alfalfa, lespedeza, sweet clover, timothy.

—commercial vegetables

RANKINGS AND PERCENTAGES OF STATE TOTAL BY TOTAL ACREAGE*											Per cent five counties of total
First		Second		Third		Fourth		Fifth			
County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	Per cent		
Artichokes.....	60	Santa Barbara	15	San Mateo	14	San Luis Obispo	6	Santa Cruz	4	99	
Asparagus.....	69	Contra Costa	14	Solano	4	Yolo	3	Sacramento	3	93	
Lima beans.....	41	Stanislaus	25	Santa Barbara	10	Santa Clara	9	Merced	6	91	
Snap beans.....	25	Santa Cruz	13	Orange	12	San Luis Obispo	9	San Diego	8	67	
Cabbage.....	19	Imperial	17	Monterey	13	Orange	10	San Diego	7	66	
Cantaloupe.....	43	Imperial	13	Riverside	12	Merced	9	Kern	9	86	
Carrots.....	27	Imperial	22	Riverside	9	Santa Barbara	9	Ventura	6	73	
Cauliflower.....	19	Monterey	17	Santa Barbara	14	Orange	13	San Luis Obispo	8	71	
Celery.....	26	Orange	14	Ventura	13	Santa Barbara	11	Los Angeles	9	73	
Sweet corn.....	26	Orange	15	Kern	10	San Bernardino	8	Los Angeles	8	67	
Cucumbers.....	31	Ventura	13	Santa Clara	12	San Diego	10	Los Angeles	7	73	
Garlic.....	32	San Benito	19	Kern	17	Imperial	17	Monterey	12	97	
Honeydew melons.....	36	Yolo	26	Tulare	11	Yuba	9	Merced	6	88	
Lettuce.....	40	Imperial	30	Riverside	6	Santa Barbara	4	Santa Cruz	4	84	
Onions, dry.....	20	Kern	15	Imperial	13	Monterey	12	Riverside	8	68	
Green peas.....	24	Kern	17	Ventura	11	Monterey	8	San Luis Obispo	7	67	
Spinach.....	37	Stanislaus	16	Yolo	12	Orange	8	Los Angeles	7	80	
Strawberries.....	34	Santa Clara	16	Santa Cruz	11	Orange	6	Santa Barbara	6	73	
Tomatoes.....	29	Yolo	16	Stanislaus	6	Sacramento	6	Solano	6	63	
Watermelon.....	27	Riverside	26	San Joaquin	10	Stanislaus	8	Kern	7	78	

* Snap beans, cabbage, onions, tomatoes and watermelons ranked by total production.

* Snap beans, cabbage, onions, tomatoes and watermelons ranked by total production.

Continued on page 60

25. The five leading counties—continued

—in citrus fruits and tree nuts

RANKINGS AND PERCENTAGES OF STATE TOTAL BY TOTAL ACREAGE											Per cent five counties of total
First		Second		Third		Fourth		Fifth			
County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	Per cent		
Citrus											
Oranges.....	27	Orange	20	San Bernardino	13	Ventura	12	Riverside	12	84	
Lemons.....	45	Santa Barbara	13	Los Angeles	9	San Bernardino	9	San Diego	7	83	
Grapefruit.....	70	San Bernardino	13	Imperial	7	Ventura	4	Los Angeles	2	96	
Tree Nuts											
Walnuts.....	11	Stanislaus	10	Contra Costa	9	Tulare	8	Ventura	7	45	
Almonds.....	14	San Joaquin.	12	Merced	11	Colusa	9	Yolo	9	55	

—in fruits: *noncitrus**

Apples.....	37	Sonoma	36	Mendocino	4	Monterey	3	El Dorado	2	82
Apricots.....	29	Santa Clara	10	San Benito	10	Contra Costa	9	Stanislaus	9	67
Avocados.....	58	Ventura	12	Orange	11	Los Angeles	10	Santa Barbara	6	97
Cherries.....	58	Santa Clara	28	San Benito	3	Alameda	3	Solano	2	94
Figs.....	63	Merced	22	Madera	10	Tulare	1	Yolo	1	97
Grapes.....	42	Tulare	16	San Joaquin	10	Kern	8	Madera	6	82
Olives.....	34	Butte	15	Tehama	14	Riverside	4	Fresno	4	71
Peaches.....	27	Sutter	18	Fresno	12	Merced	9	San Joaquin	9	75
Pears.....	20	Santa Clara	19	Lake	13	El Dorado	10	Placer	8	70
Plums.....	26	Placer	24	Fresno	22	Kern	7	Sutter	5	84
Prunes.....	33	Sonoma	17	Sutter	12	Napa	7	Yuba	4	73

* Cherries, grapes, peaches and pears ranked by total production.

—in livestock and its products

RANKINGS AND PERCENTAGES OF STATE TOTAL *											Per cent five counties of total
First		Second		Third		Fourth		Fifth			
County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	Per cent		
Cattle and calves.....	15	Riverside	11	Kern	9	Fresno	6	Los Angeles	5	46	
Hogs.....	15	San Diego	8	Riverside	7	Alameda	6	San Joaquin	6	42	
Sheep and lambs.....	15	Solano	12	Glenn	10	Sonoma	5	Imperial	5	47	
Turkeys.....	16	Stanislaus	11	Merced	11	Riverside	7	Tulare	6	51	
Chickens.....	15	Sonoma	14	San Bernardino	10	Fresno	9	Stanislaus	7	55	
Eggs.....	15	San Diego	11	Orange	11	Sonoma	10	Los Angeles	8	55	
Milk.....	17	Stanislaus	8	San Bernardino	7	Orange	7	Merced	7	46	
Wool.....	10	Solano	7	Sonoma	5	Glenn	5	Mendocino	4	31	

* Cattle and calves, sheep and lambs ranked by value of animals sold alive; eggs, chickens, and milk by value of sales; hogs by numbers sold; turkeys by numbers raised; and wool by pounds shorn.

Concluded on page 62

25. The five leading counties—concluded

—a summary in value of farm products

(28, 29)

	First	Second	Third	Fourth	Fifth	Total value		
						State	Five counties	Per cent. five counties of state
						dollars	dollars	
All farm products sold	Fresno	Kern	Tulare	Imperial	Los Angeles	2,822,109,315	1,021,854,409	36.2
All crops sold	Fresno	Kern	San Joaquin	Imperial	Monterey	1,719,056,355	631,061,502	36.7
Fruits and nuts	Fresno	Tulare	Ventura	Santa Clara	San Joaquin	580,421,197	265,471,297	45.7
Vegetables including melons sold*	Monterey	Imperial	San Joaquin	Ventura	Riverside	268,649,022	130,314,139	48.5
Horticultural and forest products sold	Los Angeles	Santa Clara	Alameda	San Mateo	San Diego	96,157,536	53,237,357	55.4
Field crops sold	Kern	Fresno	Tulare	Imperial	Kings	773,828,600	440,481,373	56.9
All livestock and livestock products sold	Los Angeles	Imperial	Riverside	Stanislaus	Fresno	1,103,052,960	392,832,845	35.6
Dairy products sold	Los Angeles	Stanislaus	San Bernardino	Orange	Merced	323,540,000	145,441,384	45.0
Poultry and poultry products	San Bernardino	Los Angeles	Sonoma	Stanislaus	Fresno	209,780,566	94,511,192	45.0
Livestock and livestock products other than dairy and poultry products	Imperial	Riverside	Kern	Fresno	Los Angeles	569,732,394	253,887,555	44.6

* Irish and sweet potatoes not included with vegetables.

THE FIVE LEADING PRODUCTS OF EACH COUNTY

Pages 64 and 65 show the major sources of agricultural income in each county. Each of the five main products of a county is ranked according to its percentage of the total value of farm products sold in the county.

These percentages are then totaled to show what proportion of the county's total value of products sold is represented by the five leading products.

The final figure for each county is the total value of the products it sold.

The data are from the United States Census of Agriculture of 1959.

Monteity	Lettuce	26.2	Ceary	3.5	Strawberries	9.1	Cattle and calves	7.4	Carrots	6.5	55.7	120,227,285
Napa	Cattle and calves	47.4	Prunes	15.6	Grapes	11.6	Milk	9.7	Eggs	5.1	89.4	18,266,330
Nevada	Cattle and calves	38.1	Eggs	10.1	Pears	8.3	Milk	7.9	Apples	3.9	68.3	2,941,809
Orange	Oranges	30.9	Vegetables	18.9	Milk	18.2	Eggs	11.5	Nursery products	3.6	83.1	114,065,700
Placer	Pears	19.3	Cattle and calves	16.2	Plums	13.7	Milk	6.8	Turkeys	6.0	62.0	18,262,443
Plumas	Cattle and calves	43.3	All hay	11.8	Milk	2.7	Sheep and lambs	1.2	Wool	0.9	59.9	4,657,195
Riverside	Vegetables	23.6	Cattle and calves	20.6	Oranges	15.8	Eggs	13.5	Milk	11.3	84.8	98,486,070
Sacramento	Cattle and calves	15.4	Pears	10.4	Field corn	10.1	Milk	9.7	Alfalfa	7.9	53.5	58,286,435
San Benito	Cattle and calves	17.9	Apricots	13.9	Prunes	9.5	Walnuts	6.8	Tomatoes	5.4	53.5	20,564,399
San Bernardino	Eggs	30.1	Milk	20.3	Oranges	13.6	Chickens	5.6	Grapes	4.3	73.9	117,229,663
San Diego	Tomatoes	26.0	Eggs	16.6	Milk	13.1	Nursery products	8.4	Cattle and calves	7.1	71.2	109,598,615
San Francisco†	Nursery products	100.0									100.0	2,252,325
San Joaquin	Vegetables	26.9	Grapes	12.7	Milk	9.9	Cattle and calves	7.6	Alfalfa	6.2	63.3	169,536,996
San Luis Obispo	Cattle and calves	31.6	Vegetables	23.9	Milk	5.9	Turkeys	4.9	Wheat	4.9	71.2	53,583,100
San Mateo	Nursery products	50.9	Vegetables	27.8	Hogs	5.0	Milk	4.2	Cattle and calves	3.5	91.4	17,817,818
Santa Barbara	Cattle and calves	27.0	Vegetables	26.6	Lemons	11.7	Milk	6.2	Strawberries	4.2	75.7	68,399,883
Santa Clara	Prunes	22.7	Nursery stock	11.1	Vegetables	10.7	Cattle and calves	10.0	Milk	8.3	62.8	95,889,733
Santa Cruz	Vegetables	25.3	Apples	22.1	Strawberries	18.6	Eggs	6.6	Nursery products	6.2	78.8	35,571,300
Shasta	Cattle and calves	44.9	All hay	11.4	Milk	10.9	Nursery products	7.0	Eggs	2.6	76.8	11,991,979
Sierra	Cattle and calves	49.9	All hay	25.1	Milk	0.9	Wheat	0.7	Oats	0.7	77.3	1,345,656
Siskiyou	Cattle and calves	27.0	Alfalfa	18.1	Barley	12.3	Potatoes	10.0	Seed crops	4.9	72.3	21,168,196
Solano	Sugar beets	13.9	Cattle and calves	12.9	Vegetables	11.3	Sheep and lambs	8.1	Apricots	5.7	51.9	35,350,637
Sonoma	Milk	25.6	Eggs	18.8	Cattle and calves	10.5	Prunes	9.4	Apples	6.6	70.9	71,009,274
Stanislaus	Milk	19.2	Vegetables	13.9	Peaches	9.5	Cattle and calves	9.4	All hay	7.5	59.5	130,303,196
Sutter	Rice	19.4	Peaches	16.4	Prunes	11.8	Beans (dry)	8.6	Tomatoes	6.2	62.4	50,426,573
Tehama	Cattle and calves	29.5	Milk	8.8	Prunes	8.6	Sheep and lambs	6.8	All hay	5.1	58.8	19,106,330
Trinity			N O T A V A I L A B L E									
Tulare	Cattle and calves	21.1	Cotton	17.9	Grapes	15.8	Oranges	14.0	Milk	5.9	74.7	341,645,299
Tuolumne	Turkeys	37.8	Cattle and calves	35.9	Eggs	3.3	Chickens	2.1	Horses and mules	1.8	80.9	5,285,405
Ventura	Lemons	27.5	Vegetables	22.0	Oranges	22.0	Eggs	4.8	Beans (dry), peas	3.6	81.4	102,840,219
Yolo	Vegetables	17.5	Barley	17.1	Sugar beets	12.7	Rice	8.0	All hay	7.4	62.1	75,836,300
Yuba	Peaches	20.4	Cattle and calves	18.1	Rice	9.1	Pears	7.0	Prunes	5.7	67.5	18,189,943

* 1960 data
† USCA 1959

KEY TO ABBREVIATIONS

CACC—County Agricultural Commissioner's Crop Report.

CCLRS—California Crop and Livestock Reporting Service.

ERS—see USERS.

SRS—see USSRS.

USAMS—United States Agricultural Marketing Service.

USARS—United States Agricultural Research Service.

USBAE—United States Bureau of Agricultural Economics.

USCA—United States Census of Agriculture.

USDA—United States Department of Agriculture.

USDC—United States Department of Commerce.

USERS—United States Economic Research Service.

USSRS—United States Statistical Reporting Service.

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HOW THE UNIVERSITY OF CALIFORNIA WORKS WITH AGRICULTURE

As one of the nation's Land-Grant institutions, the University of California plays a multiple role in service to agriculture. This involves teaching, research, and conveying the facts developed by research to those who may put them to good use in the best interest of all the people.

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The *College of Agriculture* providing instruction in agriculture and related sciences on campuses at Berkeley, Davis, Los Angeles, and Riverside. The *Schools of Forestry* and *Veterinary Medicine* function as separate professional schools within the Division but are closely related to the College of Agriculture.

The *Agricultural Experiment Station* conducting research on the four campuses mentioned above as well as on numerous field stations, experimental areas, and farms throughout the state. Closely allied with the Experiment Station are the *Giannini Foundation of Agricultural Economics* and the *Kearny Foundation of Soil Science*.

The *Agricultural Extension Service* with 53 offices serving 56 counties carrying out the responsibility of "extending" research results to the people. The service cooperates with the Experiment Station in local research on thousands of farms. It also conducts youth educational activities through the 4-H Club program.